

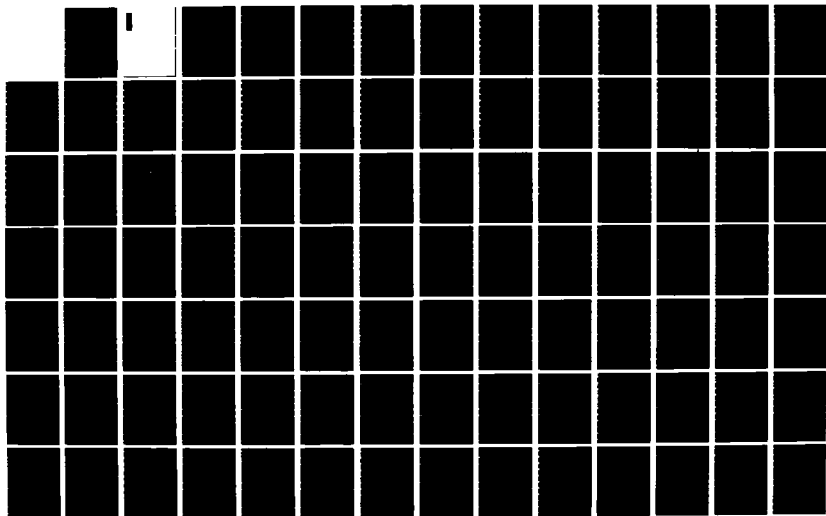
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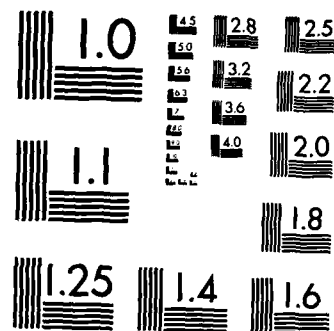
PHYSICAL OCEANOGRAPHY REPORT: CAMP-BASED AND
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PHYSICAL OCEANOGRAPHY REPORT:
CAMP-BASED and HELICOPTER-BASED STD DATA
from the DRIFTING ICE STATION FRAM III

by T.O. Manley and Dennis B. Camp

TECHNICAL REPORT

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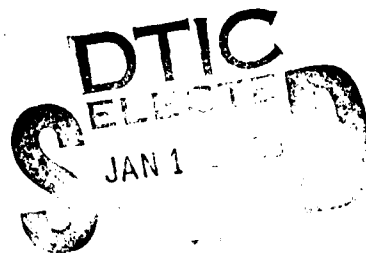


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ABSTRACT

During the spring of 1981, a manned camp was established on a drifting ice floe north of Spitzbergen. During the 61 days of occupation, the Arctic Oceanography Department of Lamont-Doherty Geological Observatory obtained a total of 194 STD stations from the combined efforts of personnel in charge of camp-based and helicopter-based operations. This report describes the methods used in the acquisition and processing of the data and provides output for each cast.

The output consists of standard level listings of temperature, potential temperature, salinity, sigma-t, specific volume anomaly, dynamic height, and sound velocity, along with corresponding profiles of temperature, salinity and sigma-t.

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INTRODUCTION

Beginning in 1979, the Office of Naval Research reoriented its basic research activities from the Beaufort Sea of the western Arctic Ocean to the eastern Arctic Ocean located just north of the Fram Strait with the implementation of the FRAM series of experiments from 1979 to 1982. Although FRAM II (Dyer and Baggeroer, 1980) and FRAM IV were primarily focused toward underwater acoustics, FRAM I (Hunkins et al., 1979) and FRAM III (Manley et al., 1982a) were slanted toward geophysics and oceanography. Of the several different passages which connect the Arctic with the other oceans, Fram Strait, which lies between Greenland and Sptizbergen, is by far the most important. It is in this region that the major amount of heat, salt, and mass are exchanged with the world's oceans by way of the cooler and fresher outflowing polar waters and the inflowing warmer, more saline water from the Atlantic. Relatively speaking, the Arctic Ocean is one of the most poorly understood oceans, yet at the same time it may play a significant role in climatic variability (Barry, 1983).

In order to better understand the role that the Arctic plays in the determination and modification of climate, both locally and globally, important processes which control the transfer of heat, mass, and salt within the context of the very complex interactions of air, sea, and ice must be defined more quantitatively.

During the FRAM field experiments, the major concerns of the oceanographic team were: 1) a more quantitative look at the vertical heat exchange

between the atmosphere and ocean through the ice cover (McPhee, 1980a, b), and 2) the spatial and temporal variability of the upper layer (less than 500 m) oceanic structure (horizontal and vertical) which resides beneath the permanent ice cover (Manley et al., 1982a; Baggeroer et al., 1985).

Ship-based research in the Arctic is highly restricted to the summer ice-free regions typically located over the bordering continental shelves and associated marginal ice zones where ice-concentration is highly variable. Research conducted within the deep interior of the Arctic must, however, be staged on 2-3 m thick sea ice or ice islands (continental tabular icebergs), such as the newly established Canadian Arctic Ice Island located near Ellesmere Island (MSID, 1985). These drifting manned ice camps are established and maintained, by necessity, by aircraft ranging in size from helicopters to C-130s (Heiberg and Hielscher, 1985).

Once established, the differential forcing of wind (and, therefore, stress) on the fragile sea ice cover may cause camp breakups like those at camps Big Bear and Snowbird during the Arctic Ice Dynamics Joint Experiment in 1975-1976 and FRAM III in 1981. The constant movement of the sea ice cover not only affects logistical operations, but also the interpretation of oceanographic measurements. If one can consider the ocean to be in steady state (time independent), then the observations can be easily interpreted regardless of the rather random drift track that the ice camp takes. For very large-scale or slowly varying processes this concept may still be acceptable, however, this concept breaks down when looking at highly variable structures such as oscillating fronts, eddies, and other short-term local dynamics. In these scenarios the time and space dependency of a vast majority of the observations

taken from ice camps cannot be separated. As a result, the interpretation becomes suspect and confused.

This basic problem, as well as having no spatial control of station location, forced oceanographers to use aircraft as one of their basic tools to obtain rapid (nearly synoptic) views of the oceanic structure over rather large areas. In addition, it gave them the ability to continually remap specific areas allowing them to define temporal variability.

This report details the work that Lamont oceanographers have completed during the FRAM III Expedition with special detail given to the camp-based and helicopter-based C/STD data.

PHYSICAL OCEANOGRAPHY PROGRAM

Camp-Based CTD

Located at the main camp was a Mark III Neil Brown CTD system, with reel-to-reel audio recorder and a Hewlett-Packard 1000-M series computer. The audio recorder was used in recording the original FSK (up-the-line) signals, while the computer system acquired, plotted, and recorded data on 9-track tape.

Rigidly attached to the upper housing of the underwater unit was a General Oceanics 12-bottle rosette system. The underwater package (as it will now be called) was lowered through a 4 foot by 4 foot hydrohole which was cut through the ice floe and over which a heated 8 foot by 16 foot hut was placed.

Located directly outside the hut was the engine and hydraulic pack which ran the specially designed winch. The winch itself was equipped with 4200 m of Kevlar cable with two twisted-pair electrical wires.

CTD stations at the camp were nominally taken twice a day to 1500 m with occasional casts taken to the bottom. In order to make sure that data were taken to within 10 m of the bottom, a 12 khz pinger was also attached to the underwater housing. The 12 khz PDR which was also located in the same hut was then used to monitor very accurately the sensor's depth above the sea floor.

Bottle samples for calibration, as well as for geochemical analyses were also obtained on a regular basis throughout the water column.

As the camp drifted over the edge of the Yermak Plateau (Fig. 1), more stations were taken each day due to: 1) shallower water depth, 2) the need to provide simultaneous casts at times when helicopter stations were taken, and 3) an attempt to look at intrusive layering by successive yo-yo casts.

During this time period, a total of 115 CTD stations were taken, the positions of which were along the drift track of FRAM III (Fig. 1).

Helicopter-Based C/STD

Oceanographers at Lamont have expended a great deal of effort in the development of a helicopter-based C/STD system. This system was designed around the first commercially available, light weight, internally recording C/STD system (model 202) developed and marketed by Ocean Data Equipment.

A Bell 204 helicopter was used exclusively during the FRAM experiments and provided more than ample space for equipment, personnel and sensors. The

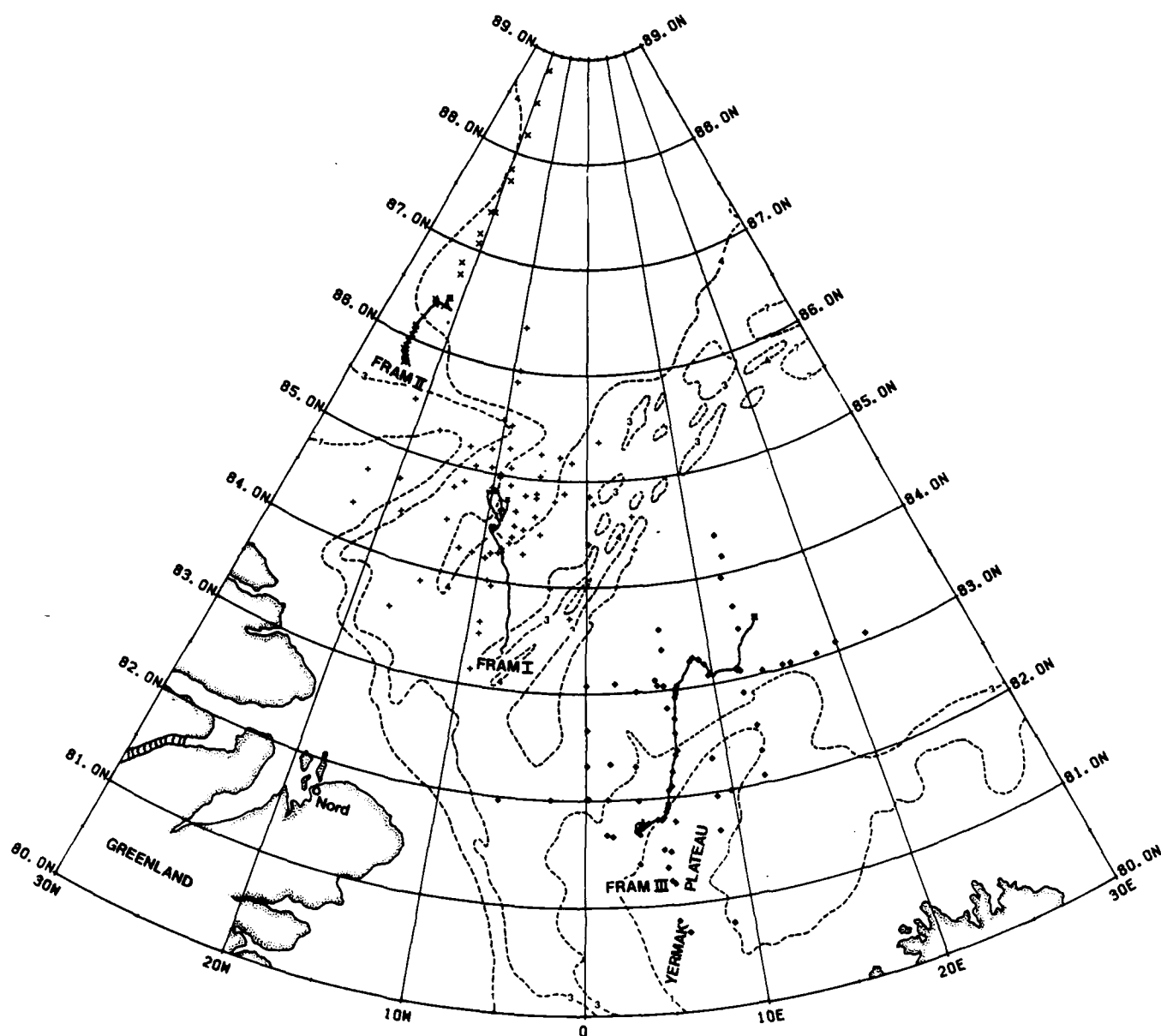


Figure 1 Positions of all helicopter-based CTD stations from drifting camps FRAM I, II and III in relation to Greenland, Spitzbergen and local bottom topography. Camp-based stations are not shown, however, they will lie on the drift track (solid line) of each individual camp. Crosses, plusses and diamonds define those helicopter-based stations taken from FRAM I, II and III, respectively. Dashed lines indicate bottom contours in km.

equipment normally taken on a survey consisted of a 2 kw 110 VAC generator, a winch, hand drill, and chainsaw. The generator supplied power for the hand drill which, in turn, ran the winch. The winch itself was small, light weight, and was equipped with 500 m of 5/32 inch Kevlar cable. An aluminum cantilever/tripod was attached to the base of the winch while on station and was used to guide the CTD cable through man-made holes in the ice or over rough edges of ice floe.

Total weight of the system (including miscellaneous equipment) was approximately 200 pounds. Navigation was via OMEGA/VLF and was good to plus or minus 300 m at those latitudes. Normal distances of surveys extending away from the main camp were from 50 to 80 km, although distances up to 150 km were occasionally reached.

The model 202 C/STD underwater unit consisted of self-contained sensing and recording packages which were mechanically and electrically coupled together into a single unit measuring 18 cm (7 inches) in diameter, 110 cm (4.3 feet) long and weighing 32 kgs. Values of pressure, temperature, and conductivity were always recorded at the fastest sampling rate of 5 scans per second, with digital resolution of 12 bits over the selected range of each sensor. After a sufficient amount of data were stored in the system's memory, the data were then transferred to cassette tape. A normal cassette was capable of storing some 1.6 Mbits of data, or in terms of actual operation, nearly 1.5 hours. Normally at the completion of each helicopter CTD station, the cassette was checked for proper advancement and replaced with a new one for the next station. Even though actual duration of the station was short (roughly 30 minutes), this was the safest method to insure that the data were

actually recorded and that the tape was not exhausted in the midst of a future cast.

Typical duration of the rechargeable battery pack for the sonde was roughly five hours at the low, near freezing temperatures of the water column (-1.8 degrees C to 3.0 degrees C). Although the actual "on time" of the underwater unit was governed primarily by the depth of the cast and the lowering and raising rate, five to eight stations to depths of 300 m were normally obtained within any given survey.

Raw digital data residing on the cassettes were then converted into nearly final plots of pressure, temperature, and salinity with use of the reader/display deck unit which had the most recent calibration equations of the individual sensors incorporated into its software. Using this information, horizontal plan views, as well as vertical cross-sections of the temperature and salinity fields in the upper layers could be produced back at the camp. Depending on the features observed, or lack thereof, the next day's field operations were then scheduled.

Using this mode of operation, a total of 79 helicopter-based C/STD stations were obtained during the FRAM III experiment. Several of these were taken at the camp to provide intercalibration runs with the Neil Brown. The positions of these helicopter-based stations are shown in Fig. 1. A more detailed description of helicopter field operations during FRAM I and III are given by Manley et al., 1982.

C/STD DATA PROCESSING

During the field program, the 202 pressure transducer became inoperative and was replaced with one from the Neil Brown CTD system spares. The replacement was of a much deeper sensor, and, as a result, decreased the depth resolution of the 202. Fortunately, the depth channel was recalibrated in the field by way of intercalibration stations with the Neil Brown.

Prior to decimation, the intercomparison stations were rerun to provide more exact information on pressure calibration and possible long-term drift of the two different 202 pressure transducers compared to the Neil Brown. From this analysis, no long-term drift was observed and only slight calibration differences were applied to the ODEC data prior to decimation.

Since the pre- and post-cruise calibrations of the helicopter unit (completed at Northwest Regional Calibration center, NWRCC) and the Neil Brown unit (completed at WHOI) showed no significant deviations of the remaining sensors, no other precursory calibrations were required before processing the data.

Temperature lag coefficients, τ , for each sensor were required, however, prior to decimation in order to better match the temperature and conductivity data. This was accomplished by intercomparing the up- and downtraces of random stations throughout the entire data set using different time constants. Best fit for a given station was determined when the ascending and descending parts of the cast on a T-S diagram were nearly congruent. From these comparisons it was determined that the best overall fits occurred when τ was set at 0.0 and 0.10 seconds for pre- and post-transducer replacement on the 202, and 0.0 seconds for the Neil Brown.

Due to a combination of software and hardware problems, many of the camp-based stations were not recorded on 9-track tape. As a result, audio tapes were used to reconstruct these stations back into 9-track data and produced typically noisier than usual data. Even those stations recorded on 9-track were found to be somewhat noisy, although subsequent processing cleared up most of these problems.

Raw data from each instrument were filtered into a uniform pressure series (1.0 db) using a linear interpolation scheme with a window of 7 scans centered around the desired level.

As mentioned earlier, a majority of the camp-based stations (reproduced via audio conversion, as well as digital) were somewhat noisy. Similar results were also seen in the helicopter data, although this was caused primarily by the decreased depth resolution of the 202 resulting from the newer, wider-range pressure transducer. In order to accomplish the required smoothing and be consistent over all stations, two successive 5-point filters were used on all of the decimated data.

Irregularities or spikes in the decimated data were then subjectively removed. In most cases these were single points that were taken out and did not interrupt the uniform pressure series. Occasionally, segments of data would have to be removed and would either be replaced by interpolated data or left alone. Again, these decisions were subjective and depended largely on the local conductivity and temperature structure.

At the same time, the upper 4 meters of data (estimated thickness of the ice) were automatically removed from each station. This was done to prevent misinterpretations of the results which were attributable to the methodology

of taking the station (i.e., through hydroholes, seal holes or off the edge of a floe).

STD CALIBRATION

Bottle data provided the final calibration for the salinity data and proved to be the most difficult procedure to perform since it was found that the rosette system was misfiring roughly half-way through the experiment (i.e., a single trip on the deck unit might fire one or two bottles on the rosette). Therefore, some of the salinity bottles obtained for calibration purposes gave erroneous results.

In order to objectively remove the bad data, a quadratic least-squares best-fit equation was determined for the salinity differences (Neil Brown minus bottle) versus pressure. After each run, all bottle differences outside a window of 1 standard deviation from the calculated curve were thrown out. With the remaining values, a new best-fit equation and associated standard deviation were then calculated. This process was completed three times and yielded a pressure dependent salinity calibration equation with a standard deviation of $.02^{\circ}/\text{‰}$ (Fig. 2).

The Neil Brown salinity data were then recalculated using the determined equation. ODEC salinities were then compared to those of the Neil Brown at several pressure levels during the intercalibration stations. Salinity differences showed that there was only a minor offset that needed to be applied to the ODEC salinity data to make it conform to the calibrated Neil Brown data.

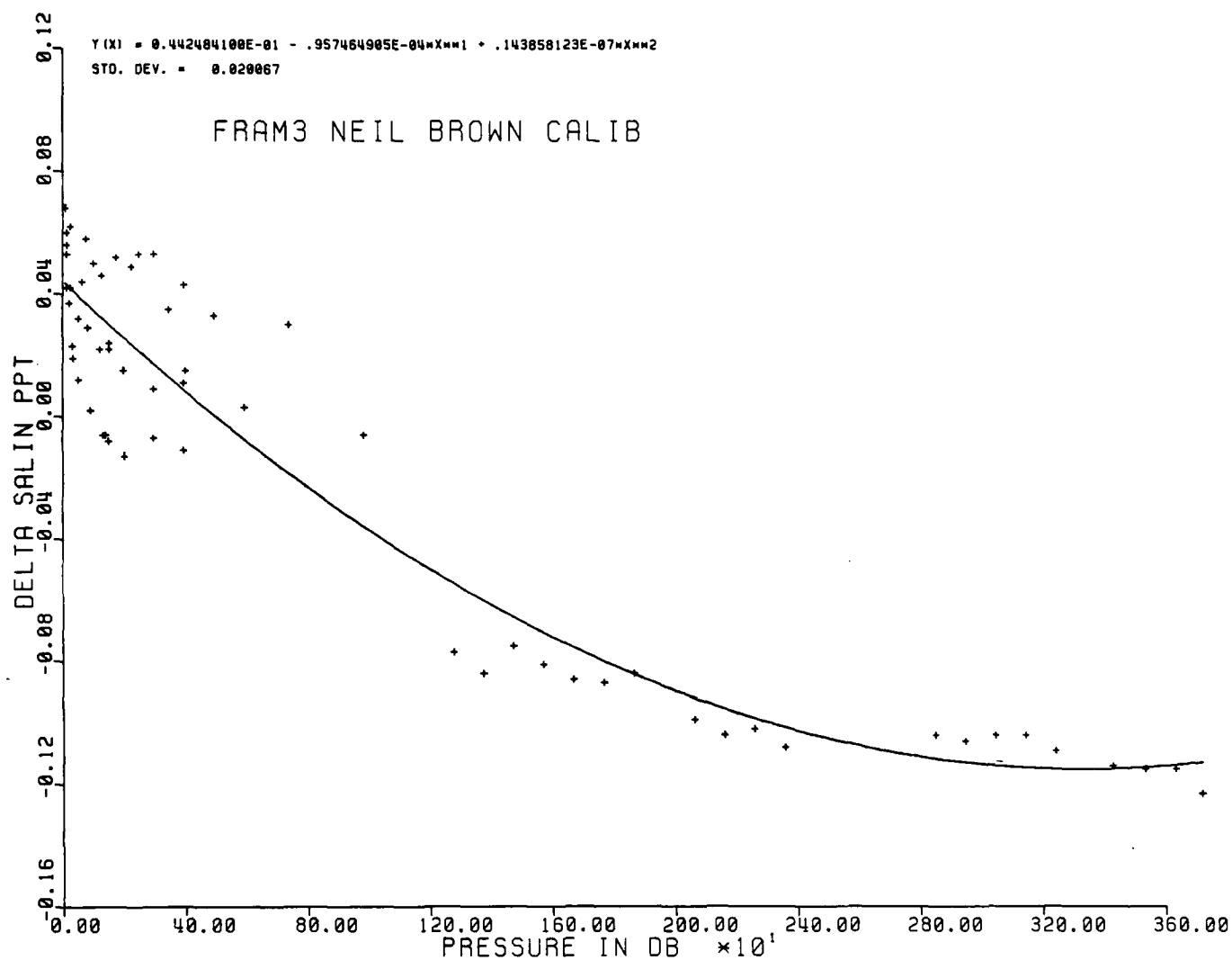


Figure 2 Final least-squares best-fit equation for salinity differences (Neil Brown minus bottle) versus pressure. The equation is defined in the upper left hand corner and plotted in relation to the bottle differences (DELTA SALIN) in ppt.

OUTPUT FORMAT OF FINAL DATA

Output of the final data is provided in three different formats consisting of 1) station headers, 2) standard level listings, and 3) profiles of temperature, salinity and sigma-t (T, S, σ_t) versus depth.

A station header listing provides a quick glance reference to all the basic station information and is found directly in front of the data section. The information contained within these listings includes the camp identification; consecutive station number; a ship designation; the day, month, year, corresponding Julian day of the start of the station; a processing code; the minimum and maximum depths contained within the profile; and finally, the station position and associated position errors. Table 2 defines more explicitly the meanings and abbreviations used in the station header listings.

In general, two profiles of T, S , and σ_t are graphically shown on one page of the data report. On the facing page, the corresponding standard level listings of the station are shown. The standard level data consist of the parameters relating to the station, and in some cases are abbreviated to save space. The meanings of these abbreviated terms are given in Table 2.

TABLE 1

DEFINITIONS AND MEANINGS OF ABBREVIATED TERMS

FOR STATION HEADER LISTINGS

CAMP	Project Identifier
SH	Code defines whether station was taken with Neil Brown or ODEC model 202 C/STD CP = Neil Brown HE = ODEC model 202
STAT	CTD Station Number
MODE	1 implies downtrace 2 implies uptrace
DAY	Day of Station
MON	Month of Station
YR	Year of Station
TIME	GMT Time of Station
CODE	Processing Code, see Table 2
JULDAY	Julian Day (decimal) of station (1.0 = 1 Jan 1981)
D.MIN	Minimum Depth (meters) of station
D.MAX	Maximum Depth (meters) of station
LATITUDE	Latitude of station in decimal degrees
LONGITUDE	Longitude of station in decimal degrees (+ indicates East Longitude) (- indicates West Longitude)
LAT.ERR	Error of Latitude Position in meters
LNG.ERR	Error of Longitude Position in meters

TABLE 2

DEFINITIONS AND MEANINGS OF ABBREVIATED TERMS FOR STANDARD LEVEL LISTINGS

Station xxx (y) Station number (xxx) and mode of trace (y) where:

CTD Station taken with CTD y = 1 indicates downtrace
y = 2 indicates uptrace

GMT Times shown are Greenwich Mean Time

Code = I Processing Code where if I =

A) 1 -> 5 profile contains both temperature and salinity data.

- 1) data from magnetic tape
- 2) data from manual digitization of analog charts
- 3) filtered in salinity only
- 4) filtered in temperature only
- 5) filtered in both temperature and salinity

B) 11 -> 13 profile is in salinity only

- 11) data from magnetic tape
- 12) data from manual digitization of analog charts
- 13) filtered

C) 21 -> 23 profile in temperature only

- 21) data from magnetic tape
- 22) data from manual digitization of analog charts
- 23) filtered

LAT Latitude in decimal degrees N (North)

LONG Longitude in decimal degrees W (West), E (East)

LTER Estimate of positional error for latitude in meters

LGER Estimate of positional error for longitude in meters

AIR TEMP Air temperature in deg. C (0 implies no data)

BAROM Barometric pressure in millibars (0 implies no data)

WIND Wind direction in degrees true north (0 implies no data)

SPEED Wind speed in meters/sec (0 implies no data)

TABLE 2 (continued)

LISTING PARAMETERS

DEPTH	Depth in meters
TEMP	Temperature in degrees C
PTEMP	Potential temperature in degrees C
SALIN	Salinity in parts per thousand
SIG T	Sigma-t density where: density (gm/cm^3) = $1.0 ((\text{Sig T}) * 1000.0)$
SPVOL	Specific volume anomaly ($\times 10^{-5} \text{cm}^3/\text{gm}$)
DYNHT	Dynamic height (dynamic meters)
SOUND	Sound velocity in meters/sec calculated from Matthews equation

The main body of the numerical listings consists of values of temperature, potential temperature, salinity, sigma-t (σ_t), specific volume anomaly, dynamic height and sound velocity against various interpolated levels of depth. Since upper surface layer data may be omitted from the data set (ice thickness removal), surface (0 m) values of temperature and salinity are duplicated from the first data seen in the cast. The actual first and last levels of the data are shown as the first value below the depth of 0.0 meters and the last value of the listing, respectively.

Corresponding profiles of temperature, salinity and sigma-t for each standard level listing are shown on the facing page. The label at the end of each trace (T,S, or σ_t) indicates the parameter of temperature, salinity and sigma-t, respectively. Scales at the upper part of the diagram are labeled to correspond to the parameters and are also shifted with respect to one another to provide the maximum amount of clarity of the traces. Depth is in meters. Station identification of the profiles is in the lower left hand corner and in the following format:

FRAM III STN-MOD
MONTH - DAY - YEAR

where

STN is the station number
MOD is the mode (1 = downtrace)
 (2 = uptrace)

Those stations having depths greater than 700 m are placed on a single page. The corresponding profiles are broken up into a typical 0 to 700 m plot on the left side, which is consistent with all other profiles in the report, as well as the 0 to 4000 m plot which shows the remainder of the data and can be used to intercompare other deep stations, if desired.

ACKNOWLEDGMENTS

The field work and preliminary data processing were supported by the Office of Naval Research under contract N00014-76-C-004, while final data processing and publication of this report was funded under contract N00014-84-C-0132 and Lamont institutional funds. Jay Ardaí and Ken Hunkins acquired the vast majority of the helicopter data. Bruce Huber and Bill Haines continually helped us with the technical end of data processing, and we are gratefully indebted to them. Last, but not least, we wish to acknowledge the efforts of the helicopter crew on FRAM III, who we knew well from FRAM I. Our thanks for their continual efforts and help.

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STD DATA

The helicopter- and camp-based stations, although numbered differently in the field, have since been interwoven into a continuous (time sequential) data set and are presented in the following pages.

At the beginning of the main data section, a complete station header listing is given, again to further aid the user in more efficient use of the report. The abbreviated headings and their meanings are given in Table 1.

CAMP	SH	STAT	MIIDE	DAY	MON	YR	TIME	CODE	JULDAY	D.MIN	D.MAX	LATITUDE	LONGITUDE	LAT.EMH	LONG.EMH
FRAM	HE	1	1	30	MAR	81	2000	5	89.8333	4.0	233.3	83.46670	12.68330	300.0	300.0
FRAM	HE	2	1	30	MAR	81	2108	5	89.8806	4.0	270.9	83.68330	12.63330	300.0	300.0
FRAM	HE	3	2	30	MAR	81	2208	5	89.9222	4.0	270.9	83.90670	12.63330	300.0	300.0
FRAM	HE	4	1	4	APR	81	1433	5	94.6062	10.9	507.9	84.16330	12.66000	300.0	300.0
FRAM	HE	5	1	4	APR	81	1535	5	94.6493	10.9	507.9	84.37330	12.41830	300.0	300.0
FRAM	HE	6	1	7	APR	81	1331	5	97.5556	4.0	502.0	83.07720	12.22170	300.0	300.0
FRAM	CP	7	1	7	APR	81	1508	5	97.5632	4.0	502.0	83.07720	10.03480	300.0	300.0
FRAM	HE	8	1	8	APR	81	1907	5	98.6306	4.0	502.0	83.07720	10.03480	300.0	300.0
FRAM	CP	9	1	8	APR	81	1416	5	98.3799	4.0	106.7	83.09440	9.95720	300.0	300.0
FRAM	CP	10	1	8	APR	81	1706	5	98.5944	4.0	106.7	83.09440	9.95720	300.0	300.0
FRAM	HE	11	1	8	APR	81	1706	5	98.7125	4.0	49.1	83.10180	9.86370	300.0	300.0
FRAM	HE	12	1	8	APR	81	1706	5	98.7194	4.0	49.1	83.10180	9.86370	300.0	300.0
FRAM	HE	13	1	9	APR	81	1038	5	99.4431	4.0	49.1	83.10180	9.86370	300.0	300.0
FRAM	CP	14	1	9	APR	81	1146	5	99.4431	4.0	49.1	83.10180	9.86370	300.0	300.0
FRAM	CP	15	1	9	APR	81	1223	5	99.8910	4.0	260.7	83.19630	9.46720	300.0	300.0
FRAM	HE	16	1	10	APR	81	1020	5	100.4941	4.0	49.1	83.24630	9.10920	300.0	300.0
FRAM	HE	17	1	10	APR	81	1649	5	100.4306	4.0	49.1	83.24630	9.10920	300.0	300.0
FRAM	HE	18	1	10	APR	81	2055	5	100.7007	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	19	1	10	APR	81	2055	5	100.8715	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	20	1	11	APR	81	1815	5	101.3438	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	21	1	11	APR	81	1500	5	101.6250	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	22	1	11	APR	81	1958	5	101.8319	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	23	1	11	APR	81	1830	5	102.3542	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	24	1	11	APR	81	1123	5	102.4743	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	25	1	11	APR	81	1453	5	102.6201	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	26	1	11	APR	81	2015	5	103.0938	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	27	1	11	APR	81	1807	5	103.3382	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	28	1	11	APR	81	1435	5	103.6076	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	29	1	11	APR	81	1952	5	103.6194	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	30	1	11	APR	81	1950	5	103.8264	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	HE	31	1	13	APR	81	2234	5	103.9340	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	HE	32	1	13	APR	81	2234	5	103.9819	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	33	1	14	APR	81	943	5	104.3410	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	34	1	14	APR	81	943	5	104.4049	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	35	1	14	APR	81	943	5	104.4069	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	36	1	14	APR	81	1355	5	104.5799	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	37	1	14	APR	81	1953	5	104.8285	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	38	1	14	APR	81	2243	5	104.8285	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	39	1	15	APR	81	1019	5	105.3771	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	40	1	15	APR	81	1021	5	105.4299	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	41	1	15	APR	81	1402	5	105.4313	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	42	1	15	APR	81	1402	5	105.5847	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	43	1	15	APR	81	1513	5	105.5847	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	44	1	15	APR	81	1610	5	105.6340	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	45	1	15	APR	81	1708	5	105.6736	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	46	1	15	APR	81	1948	5	105.7139	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	47	1	15	APR	81	2117	5	105.8250	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	48	1	15	APR	81	2225	5	105.8868	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	49	1	16	APR	81	2225	5	105.9340	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	50	1	16	APR	81	2225	5	106.3479	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	51	1	16	APR	81	1323	5	106.5576	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	52	1	16	APR	81	1324	5	106.5576	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	53	1	16	APR	81	1348	5	106.5750	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	54	1	16	APR	81	2010	5	106.7139	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	55	1	17	APR	81	827	5	107.3521	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	56	1	17	APR	81	1008	5	107.4222	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	57	1	17	APR	81	1404	5	107.4222	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	58	1	17	APR	81	2019	5	107.8401	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	59	1	18	APR	81	834	5	108.3569	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	60	1	18	APR	81	1003	5	108.4188	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	61	1	18	APR	81	1101	5	108.4590	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	62	1	18	APR	81	1236	5	108.5250	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	63	1	18	APR	81	1648	5	108.7000	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	64	1	18	APR	81	1800	5	108.7500	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	65	1	18	APR	81	1428	5	109.4655	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	66	1	19	APR	81	1939	5	109.6028	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	67	1	19	APR	81	811	5	109.6287	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	68	1	20	APR	81	1355	5	110.3410	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	69	1	20	APR	81	1355	5	110.5799	4.0	145.0	83.24630	8.64770	300.0	300.0
FRAM	CP	70	1	20	APR	81	1355	5	110.6458	4.0	145.0	83.24630	8.64770	300.0	300.0

CAMP	SH	SIAT	MODE	DAY	MON	YR	TIME	CODE	JULDAY	D.MIN	D.MAX	LATITUDE	LONGITUDE	LAT. ENH	LONG. ENH
FRAM	HE	71	1	20	APR	81	1532	5	6472	4	502.9	2 72870	8 60520	30.0	30.0
FRAM	CU	72	1	21	APR	81	1531	5	6473	4	3682.5	82 77030	8 60510	30.0	30.0
FRAM	CP	73	1	22	APR	81	1829	5	35263	4	1593.5	82 75780	8 60500	30.0	30.0
FRAM	CP	74	1	23	APR	81	1057	5	1111	4	599.0	82 55480	8 65420	30.0	30.0
FRAM	CP	75	1	24	APR	81	1408	5	1111	4	500.0	82 59480	8 65400	30.0	30.0
FRAM	HE	76	1	25	APR	81	1431	5	1112	4	1947.6	82 57020	8 65100	30.0	30.0
FRAM	HE	77	1	26	APR	81	1431	5	1113	4	494.2	82 31950	8 65130	30.0	30.0
FRAM	HE	78	1	27	APR	81	1552	5	1113	4	494.2	82 31950	8 65130	30.0	30.0
FRAM	HE	79	1	28	APR	81	1552	5	1113	4	2118.8	82 31950	8 65130	30.0	30.0
FRAM	HE	80	1	29	APR	81	1552	5	1113	4	493.0	82 31950	8 65130	30.0	30.0
FRAM	HE	81	1	30	APR	81	1804	5	1113	4	500.0	82 31950	8 65130	30.0	30.0
FRAM	HE	82	1	1	APR	81	2215	5	1113	4	498.0	82 31950	8 65130	30.0	30.0
FRAM	CP	83	1	2	APR	81	2215	5	1113	4	1459.0	82 31950	8 65130	30.0	30.0
FRAM	CP	84	1	3	APR	81	2215	5	1113	4	1726.0	82 31950	8 65130	30.0	30.0
FRAM	CP	85	1	4	APR	81	2215	5	1113	4	1459.0	82 31950	8 65130	30.0	30.0
FRAM	CP	86	1	5	APR	81	1114	5	1114	4	1726.0	82 31950	8 65130	30.0	30.0
FRAM	CP	87	1	6	APR	81	1114	5	1114	4	1443.3	82 31950	8 65130	30.0	30.0
FRAM	CP	88	1	7	APR	81	1114	5	1114	4	1290.0	82 31950	8 65130	30.0	30.0
FRAM	CP	89	1	8	APR	81	1114	5	1114	4	1192.8	82 31950	8 65130	30.0	30.0
FRAM	HE	90	1	9	APR	81	1350	5	5764	4	1192.8	82 31950	8 65130	30.0	30.0
FRAM	CP	91	1	10	APR	81	1417	5	5764	4	1204.4	82 31950	8 65130	30.0	30.0
FRAM	CP	92	1	11	APR	81	1529	5	5764	4	1204.4	82 31950	8 65130	30.0	30.0
FRAM	CP	93	1	12	APR	81	1531	5	5764	4	1489.1	82 31950	8 65130	30.0	30.0
FRAM	CP	94	1	13	APR	81	2013	5	5764	4	1227.1	82 31950	8 65130	30.0	30.0
FRAM	CP	95	1	14	APR	81	2135	5	5764	4	1490.1	82 31950	8 65130	30.0	30.0
FRAM	CP	96	1	15	APR	81	2135	5	5764	4	1488.1	82 31950	8 65130	30.0	30.0
FRAM	CP	97	1	16	APR	81	2120	5	5764	4	1090.3	82 31950	8 65130	30.0	30.0
FRAM	CP	98	1	17	APR	81	2120	5	5764	4	1500.3	82 31950	8 65130	30.0	30.0
FRAM	CP	99	1	18	APR	81	1307	5	5764	4	1089.3	82 31950	8 65130	30.0	30.0
FRAM	CP	100	1	19	APR	81	1320	5	5764	4	1498.0	82 31950	8 65130	30.0	30.0
FRAM	CP	101	1	20	APR	81	1419	5	5764	4	1033.2	82 31950	8 65130	30.0	30.0
FRAM	CP	102	1	21	APR	81	1431	5	5764	4	1499.0	82 31950	8 65130	30.0	30.0
FRAM	CP	103	1	22	APR	81	2042	5	5764	4	973.2	82 31950	8 65130	30.0	30.0
FRAM	CP	104	1	23	APR	81	2100	5	5764	4	951.0	82 31950	8 65130	30.0	30.0
FRAM	CP	105	1	24	APR	81	2134	5	5764	4	951.0	82 31950	8 65130	30.0	30.0
FRAM	CP	106	1	25	APR	81	2204	5	5764	4	962.3	82 31950	8 65130	30.0	30.0
FRAM	CP	107	1	26	APR	81	2204	5	5764	4	962.3	82 31950	8 65130	30.0	30.0
FRAM	CP	108	1	27	APR	81	2244	5	5764	4	962.3	82 31950	8 65130	30.0	30.0
FRAM	CP	109	1	28	APR	81	1849	5	5764	4	936.7	82 31950	8 65130	30.0	30.0
FRAM	CP	110	1	29	APR	81	1127	5	5764	4	936.7	82 31950	8 65130	30.0	30.0
FRAM	CP	111	1	30	APR	81	1129	5	5764	4	495.0	82 31950	8 65130	30.0	30.0
FRAM	HE	112	1	1	APR	81	1409	5	5764	4	495.0	82 31950	8 65130	30.0	30.0
FRAM	HE	113	1	2	APR	81	1447	5	5764	4	901.3	82 31950	8 65130	30.0	30.0
FRAM	HE	114	1	3	APR	81	1512	5	5764	4	498.0	82 31950	8 65130	30.0	30.0
FRAM	CP	115	1	4	APR	81	1518	5	5764	4	495.4	82 31950	8 65130	30.0	30.0
FRAM	CP	116	1	5	APR	81	1631	5	5764	4	497.0	82 31950	8 65130	30.0	30.0
FRAM	CP	117	1	6	APR	81	1646	5	5764	4	882.6	82 31950	8 65130	30.0	30.0
FRAM	CP	118	1	7	APR	81	1736	5	5764	4	877.6	82 31950	8 65130	30.0	30.0
FRAM	CP	119	1	8	APR	81	2013	5	5764	4	498.0	82 31950	8 65130	30.0	30.0
FRAM	CP	120	1	9	APR	81	927	5	5764	4	869.8	82 31950	8 65130	30.0	30.0
FRAM	HE	121	1	10	APR	81	927	5	5764	4	493.1	82 31950	8 65130	30.0	30.0
FRAM	HE	122	1	11	APR	81	1454	5	5764	4	493.1	82 31950	8 65130	30.0	30.0
FRAM	CP	123	1	12	APR	81	1454	5	5764	4	866.9	82 31950	8 65130	30.0	30.0
FRAM	CP	124	1	13	APR	81	1132	5	5764	4	866.9	82 31950	8 65130	30.0	30.0
FRAM	CP	125	1	14	APR	81	913	5	5764	4	444.1	82 31950	8 65130	30.0	30.0
FRAM	CP	126	1	15	APR	81	913	5	5764	4	492.1	82 31950	8 65130	30.0	30.0
FRAM	CP	127	1	16	APR	81	917	5	5764	4	492.1	82 31950	8 65130	30.0	30.0
FRAM	CP	128	1	17	APR	81	1050	5	5764	4	838.2	82 31950	8 65130	30.0	30.0
FRAM	HE	129	1	18	APR	81	1117	5	5764	4	493.0	82 31950	8 65130	30.0	30.0
FRAM	HE	130	1	19	APR	81	1117	5	5764	4	493.0	82 31950	8 65130	30.0	30.0
FRAM	HE	131	1	20	APR	81	1427	5	5764	4	500.0	82 31950	8 65130	30.0	30.0
FRAM	CP	132	1	21	APR	81	1452	5	5764	4	493.0	82 31950	8 65130	30.0	30.0
FRAM	CP	133	1	22	APR	81	1527	5	5764	4	499.0	82 31950	8 65130	30.0	30.0
FRAM	CP	134	1	23	APR	81	1611	5	5764	4	829.4	82 31950	8 65130	30.0	30.0
FRAM	CP	135	1	24	APR	81	1623	5	5764	4	499.0	82 31950	8 65130	30.0	30.0
FRAM	HE	136	1	25	APR	81	1723	5	5764	4	500.0	82 31950	8 65130	30.0	30.0
FRAM	HE	137	1	26	APR	81	1955	5	5764	4	827.4	82 31950	8 65130	30.0	30.0
FRAM	CP	138	1	27	APR	81	2050	5	5764	4	140.0	82 31950	8 65130	30.0	30.0
FRAM	CP	139	1	28	APR	81	2050	5	5764	4	44.0	82 31950	8 65130	30.0	30.0
FRAM	CP	140	1	29	APR	81	2050	5	5764	4	44.0	82 31950	8 65130	30.0	30.0
FRAM	CP	141	1	30	APR	81	2050	5	5764	4	44.0	82 31950	8 65130	30.0	30.0

CAMP	SH	STAT	MODE	DY	MUN	YR	TIME	CODE	JULYDAY	D.MIN	D.MAX	LATITUDE	LONGITUDE	LAT.ERR	LONG.ERR
3	HE	141	1	30	APR	81	930	5	120	4.0	491.1	81.87270	5.35680	30.0	30.0
3	CP	142	1	30	APR	81	950	5	120	0.9	807.8	81.87230	5.35750	30.0	30.0
3	HE	143	1	30	APR	81	1110	5	120	10.0	804.7	81.87130	5.35850	30.0	30.0
3	HE	144	1	30	APR	81	1110	5	120	4.0	493.9	81.87130	5.35330	300.0	300.0
3	HE	145	1	30	APR	81	1145	5	120	7.9	499.0	81.86500	5.35150	300.0	300.0
3	HE	146	1	30	APR	81	1442	5	120	4.0	499.0	82.01500	5.18670	300.0	300.0
3	CP	147	1	30	APR	81	1448	5	120	4.9	805.1	81.85820	5.34970	30.0	30.0
3	CP	148	1	30	APR	81	1532	5	120	4.9	805.1	81.85820	5.34430	30.0	30.0
3	HE	149	1	30	APR	81	1548	5	120	4.0	797.2	81.85770	-0.04550	300.0	300.0
3	CP	150	1	30	APR	81	1636	5	120	4.0	797.2	81.85770	5.34280	30.0	30.0
3	HE	151	1	30	APR	81	1652	5	120	0.9	493.0	82.01500	5.11170	300.0	300.0
3	HE	152	1	30	APR	81	1948	5	120	4.0	785.5	81.87030	5.28470	30.0	30.0
3	CP	153	1	30	APR	81	1025	5	120	10.0	500.0	81.87030	5.18820	30.0	30.0
3	HE	154	1	1	MAY	81	1028	5	120	4.0	500.0	81.87030	5.18820	30.0	30.0
3	HE	155	1	1	MAY	81	1111	5	120	4.0	777.1	81.87030	5.18980	30.0	30.0
3	CP	156	1	1	MAY	81	1150	5	120	4.0	794.9	81.87030	5.17450	30.0	30.0
3	CP	157	1	1	MAY	81	1200	5	120	4.0	784.0	81.87030	5.17050	30.0	30.0
3	CP	158	1	2	MAY	81	942	5	120	4.0	784.0	81.87030	5.17050	30.0	30.0
3	HE	159	1	2	MAY	81	1512	5	120	4.0	595.0	81.87030	5.02230	30.0	30.0
3	HE	160	1	2	MAY	81	1538	5	120	4.0	495.0	81.87030	5.02230	30.0	30.0
3	HE	161	1	2	MAY	81	1538	5	120	4.0	773.2	81.87030	5.01920	30.0	30.0
3	CP	162	1	3	MAY	81	1206	5	120	4.0	496.0	81.87030	4.75470	30.0	30.0
3	CP	163	1	3	MAY	81	1204	5	120	4.0	495.0	81.87030	4.75470	30.0	30.0
3	CP	164	1	3	MAY	81	1503	5	120	4.0	776.2	81.87030	4.71420	30.0	30.0
3	CP	165	1	3	MAY	81	1531	5	120	4.0	778.1	81.87030	4.69800	30.0	30.0
3	CP	166	1	3	MAY	81	1602	5	120	4.0	778.1	81.87030	4.69800	30.0	30.0
3	CP	167	1	3	MAY	81	1931	5	120	4.0	773.1	81.87030	4.67720	30.0	30.0
3	CP	168	1	3	MAY	81	1700	5	120	4.0	787.0	81.87030	4.67780	30.0	30.0
3	CP	169	1	3	MAY	81	1730	5	120	4.0	787.0	81.87030	4.66980	30.0	30.0
3	CP	170	1	3	MAY	81	1802	5	120	4.0	502.0	81.87030	4.65830	30.0	30.0
3	CP	171	1	3	MAY	81	2119	5	120	4.0	529.6	81.87030	4.58430	30.0	30.0
3	CP	172	1	3	MAY	81	2151	5	120	4.0	780.0	81.87030	4.56380	30.0	30.0
3	CP	173	1	3	MAY	81	2222	5	120	4.0	779.0	81.87030	4.55270	30.0	30.0
3	CP	174	1	4	MAY	81	2222	5	120	4.0	779.0	81.87030	4.55270	30.0	30.0
3	CP	175	1	4	MAY	81	2222	5	120	4.0	779.0	81.87030	4.55270	30.0	30.0
3	CP	176	1	4	MAY	81	1037	5	120	4.0	784.0	81.87030	4.53730	30.0	30.0
3	CP	177	1	4	MAY	81	1037	5	120	4.0	784.0	81.87030	4.53730	30.0	30.0
3	HE	178	1	4	MAY	81	1151	5	120	4.0	543.0	81.87030	4.43610	30.0	30.0
3	HE	179	1	4	MAY	81	1351	5	120	4.0	543.0	81.87030	4.43610	30.0	30.0
3	HE	180	1	4	MAY	81	1451	5	120	4.0	499.0	81.87030	4.41950	30.0	30.0
3	CP	181	1	4	MAY	81	1011	5	120	4.0	786.0	81.87030	4.41950	30.0	30.0
3	CP	182	1	4	MAY	81	2222	5	120	4.0	542.0	81.87030	4.41950	30.0	30.0
3	CP	183	1	4	MAY	81	2222	5	120	4.0	542.0	81.87030	4.41950	30.0	30.0
3	CP	184	1	5	MAY	81	149	5	120	4.0	501.0	81.87030	4.41950	30.0	30.0
3	HE	185	1	5	MAY	81	1632	5	120	4.0	495.0	81.87030	4.39920	30.0	30.0
3	HE	186	1	6	MAY	81	1910	5	120	4.0	492.1	81.87030	4.39920	30.0	30.0
3	HE	187	1	6	MAY	81	1910	5	120	4.0	492.1	81.87030	4.39920	30.0	30.0
3	HE	188	1	6	MAY	81	1910	5	120	4.0	499.0	81.87030	4.37740	30.0	30.0
3	HE	189	1	6	MAY	81	1910	5	120	4.0	499.0	81.87030	4.37740	30.0	30.0
3	HE	190	1	6	MAY	81	1910	5	120	4.0	499.0	81.87030	4.37740	30.0	30.0
3	HE	191	1	7	MAY	81	1571	5	120	4.0	496.0	81.87030	4.37740	30.0	30.0
3	HE	192	1	7	MAY	81	1040	5	120	4.0	500.0	81.87030	4.37740	30.0	30.0
3	HE	193	1	7	MAY	81	1040	5	120	4.0	500.0	81.87030	4.37740	30.0	30.0
3	HE	194	1	7	MAY	81	1455	5	120	4.0	503.0	81.87030	4.37740	30.0	30.0

FRAM 3 STATION 1(1) CPU 30/MAR/1981 2000 GMT CODE = 5
 LAT = 83.4667N LNG = 12.6833E LTER = 300. LGER = 300.
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	8.3	-1.83	32.51	26.16	184.5	0.000	1437.3
0.4	8.3	-1.83	32.54	26.18	184.2	0.009	1437.4
1.0	8.3	-1.83	32.56	26.20	184.0	0.019	1437.5
1.5	8.3	-1.83	32.58	26.22	183.8	0.027	1437.6
2.0	8.3	-1.83	32.60	26.24	183.6	0.036	1437.7
2.5	8.3	-1.83	32.62	26.26	183.4	0.043	1437.8
3.0	8.3	-1.83	32.64	26.28	183.2	0.051	1437.9
3.5	8.3	-1.83	32.66	26.30	183.0	0.059	1438.0
4.0	8.3	-1.83	32.68	26.32	182.8	0.067	1438.1
4.5	8.3	-1.83	32.70	26.34	182.6	0.073	1438.2
5.0	8.3	-1.83	32.72	26.36	182.4	0.081	1438.3
5.5	8.3	-1.83	32.74	26.38	182.2	0.087	1438.4
6.0	8.3	-1.83	32.76	26.40	182.0	0.094	1438.5
6.5	8.3	-1.83	32.78	26.42	181.8	0.099	1438.6
7.0	8.3	-1.83	32.80	26.44	181.6	0.105	1438.7
7.5	8.3	-1.83	32.82	26.46	181.4	0.114	1438.8
8.0	8.3	-1.83	32.84	26.48	181.2	0.118	1438.9
8.5	8.3	-1.83	32.86	26.50	181.0	0.122	1439.0
9.0	8.3	-1.83	32.88	26.52	180.8	0.127	1439.1
9.5	8.3	-1.83	32.90	26.54	180.6	0.131	1439.2
10.0	8.3	-1.83	32.92	26.56	180.4	0.135	1439.3
10.5	8.3	-1.83	32.94	26.58	180.2	0.139	1439.4
11.0	8.3	-1.83	32.96	26.60	180.0	0.143	1439.5
11.5	8.3	-1.83	32.98	26.62	179.8	0.145	1439.6
12.0	8.3	-1.83	32.99	26.64	179.6	0.149	1439.7
12.5	8.3	-1.83	33.01	26.66	179.4	0.151	1439.8
13.0	8.3	-1.83	33.02	26.68	179.2	0.156	1439.9
13.5	8.3	-1.83	33.04	26.70	179.0	0.161	1440.0
14.0	8.3	-1.83	33.06	26.72	178.8	0.166	1440.1
14.5	8.3	-1.83	33.08	26.74	178.6	0.171	1440.2
15.0	8.3	-1.83	33.10	26.76	178.4	0.176	1440.3
15.5	8.3	-1.83	33.12	26.78	178.2	0.181	1440.4
16.0	8.3	-1.83	33.14	26.80	178.0	0.185	1440.5
16.5	8.3	-1.83	33.16	26.82	177.8	0.189	1440.6
17.0	8.3	-1.83	33.18	26.84	177.6	0.193	1440.7
17.5	8.3	-1.83	33.20	26.86	177.4	0.197	1440.8
18.0	8.3	-1.83	33.22	26.88	177.2	0.201	1440.9
18.5	8.3	-1.83	33.24	26.90	177.0	0.205	1441.0
19.0	8.3	-1.83	33.26	26.92	176.8	0.209	1441.1
19.5	8.3	-1.83	33.28	26.94	176.6	0.213	1441.2
20.0	8.3	-1.83	33.30	26.96	176.4	0.217	1441.3
20.5	8.3	-1.83	33.32	26.98	176.2	0.221	1441.4
21.0	8.3	-1.83	33.34	27.00	176.0	0.225	1441.5
21.5	8.3	-1.83	33.36	27.02	175.8	0.229	1441.6
22.0	8.3	-1.83	33.38	27.04	175.6	0.233	1441.7
22.5	8.3	-1.83	33.40	27.06	175.4	0.237	1441.8
23.0	8.3	-1.83	33.42	27.08	175.2	0.241	1441.9
23.5	8.3	-1.83	33.44	27.10	175.0	0.245	1442.0
24.0	8.3	-1.83	33.46	27.12	174.8	0.249	1442.1
24.5	8.3	-1.83	33.48	27.14	174.6	0.253	1442.2
25.0	8.3	-1.83	33.50	27.16	174.4	0.257	1442.3
25.5	8.3	-1.83	33.52	27.18	174.2	0.261	1442.4
26.0	8.3	-1.83	33.54	27.20	174.0	0.265	1442.5
26.5	8.3	-1.83	33.56	27.22	173.8	0.269	1442.6
27.0	8.3	-1.83	33.58	27.24	173.6	0.273	1442.7
27.5	8.3	-1.83	33.60	27.26	173.4	0.277	1442.8
28.0	8.3	-1.83	33.62	27.28	173.2	0.281	1442.9
28.5	8.3	-1.83	33.64	27.30	173.0	0.285	1443.0
29.0	8.3	-1.83	33.66	27.32	172.8	0.289	1443.1
29.5	8.3	-1.83	33.68	27.34	172.6	0.293	1443.2
30.0	8.3	-1.83	33.70	27.36	172.4	0.297	1443.3
30.5	8.3	-1.83	33.72	27.38	172.2	0.301	1443.4
31.0	8.3	-1.83	33.74	27.40	172.0	0.305	1443.5
31.5	8.3	-1.83	33.76	27.42	171.8	0.309	1443.6
32.0	8.3	-1.83	33.78	27.44	171.6	0.313	1443.7
32.5	8.3	-1.83	33.80	27.46	171.4	0.317	1443.8
33.0	8.3	-1.83	33.82	27.48	171.2	0.321	1443.9
33.5	8.3	-1.83	33.84	27.50	171.0	0.325	1444.0
34.0	8.3	-1.83	33.86	27.52	170.8	0.329	1444.1
34.5	8.3	-1.83	33.88	27.54	170.6	0.333	1444.2
35.0	8.3	-1.83	33.90	27.56	170.4	0.337	1444.3
35.5	8.3	-1.83	33.92	27.58	170.2	0.341	1444.4
36.0	8.3	-1.83	33.94	27.60	170.0	0.345	1444.5
36.5	8.3	-1.83	33.96	27.62	169.8	0.349	1444.6
37.0	8.3	-1.83	33.98	27.64	169.6	0.353	1444.7
37.5	8.3	-1.83	34.00	27.66	169.4	0.357	1444.8
38.0	8.3	-1.83	34.02	27.68	169.2	0.361	1444.9
38.5	8.3	-1.83	34.04	27.70	169.0	0.365	1445.0
39.0	8.3	-1.83	34.06	27.72	168.8	0.369	1445.1
39.5	8.3	-1.83	34.08	27.74	168.6	0.373	1445.2
40.0	8.3	-1.83	34.10	27.76	168.4	0.377	1445.3
40.5	8.3	-1.83	34.12	27.78	168.2	0.381	1445.4
41.0	8.3	-1.83	34.14	27.80	168.0	0.385	1445.5
41.5	8.3	-1.83	34.16	27.82	167.8	0.389	1445.6
42.0	8.3	-1.83	34.18	27.84	167.6	0.393	1445.7
42.5	8.3	-1.83	34.20	27.86	167.4	0.397	1445.8
43.0	8.3	-1.83	34.22	27.88	167.2	0.401	1445.9
43.5	8.3	-1.83	34.24	27.90	167.0	0.405	1446.0
44.0	8.3	-1.83	34.26	27.92	166.8	0.409	1446.1
44.5	8.3	-1.83	34.28	27.94	166.6	0.413	1446.2
45.0	8.3	-1.83	34.30	27.96	166.4	0.417	1446.3
45.5	8.3	-1.83	34.32	27.98	166.2	0.421	1446.4
46.0	8.3	-1.83	34.34	28.00	166.0	0.425	1446.5
46.5	8.3	-1.83	34.36	28.02	165.8	0.429	1446.6
47.0	8.3	-1.83	34.38	28.04	165.6	0.433	1446.7
47.5	8.3	-1.83	34.40	28.06	165.4	0.437	1446.8
48.0	8.3	-1.83	34.42	28.08	165.2	0.441	1446.9
48.5	8.3	-1.83	34.44	28.10	165.0	0.445	1447.0
49.0	8.3	-1.83	34.46	28.12	164.8	0.449	1447.1
49.5	8.3	-1.83	34.48	28.14	164.6	0.453	1447.2
50.0	8.3	-1.83	34.50	28.16	164.4	0.457	1447.3
50.5	8.3	-1.83	34.52	28.18	164.2	0.461	1447.4
51.0	8.3	-1.83	34.54	28.20	164.0	0.465	1447.5
51.5	8.3	-1.83	34.56	28.22	163.8	0.469	1447.6
52.0	8.3	-1.83	34.58	28.24	163.6	0.473	1447.7
52.5	8.3	-1.83	34.60	28.26	163.4	0.477	1447.8
53.0	8.3	-1.83	34.62	28.28	163.2	0.481	1447.9
53.5	8.3	-1.83	34.64	28.30	163.0	0.485	1448.0
54.0	8.3	-1.83	34.66	28.32	162.8	0.489	1448.1
54.5	8.3	-1.83	34.68	28.34	162.6	0.493	1448.2
55.0	8.3	-1.83	34.70	28.36	162.4	0.497	1448.3
55.5	8.3	-1.83	34.72	28.38	162.2	0.501	1448.4
56.0	8.3	-1.83	34.74	28.40	162.0	0.505	1448.5
56.5	8.3	-1.83	34.76	28.42	161.8	0.509	1448.6
57.0	8.3	-1.83	34.78	28.44	161.6	0.513	1448.7
57.5	8.3	-1.83	34.80	28.46	161.4	0.517	1448.8
58.0	8.3	-1.83	34.82	28.48	161.2	0.521	1448.9
58.5	8.3	-1.83	34.84	28.50	161.0	0.525	1449.0
59.0	8.3	-1.83	34.86	28.52	160.8	0.529	1449.1
59.5	8.3	-1.83	34.88	28.54	160.6	0.533	1449.2
60.0	8.3	-1.83	34.90	28.56	160.4	0.537	1449.3
60.5	8.3	-1.83	34.92	28.58	160.2	0.541	1449.4
61.0	8.3	-1.83	34.94	28.60	160.0	0.545	1449.5
61.5	8.3	-1.83	34.96	28.62	159.8	0.549	1449.6
62.0	8.3	-1.83	34.98	28.64	159.6	0.553	1449.7
62.5	8.3	-1.83	35.00	28.66	159.4	0.557	1449.8
63.0	8.3	-1.83	35.02	28.68	159.2	0.561	1449.9
63.5	8.3	-1.83	35.04	28.70	159.0	0.565	1450.0
64.0	8.3	-1.83	35.06	28.72	158.8	0.569	1450.1
64.5	8.3	-1.83	35.08	28.74	158.6	0.573	1450.2
65.0	8.3	-1.83	35.10	28.76	158.4	0.577	1450.3
65.5	8.3	-1.83	35.12	28.78	158.2	0.581	1450.4
66.0	8.3	-1.83	35.14	28.80	158.0	0.585	1450.5
66.5	8.3	-1.83	35.16	28.82	157.8	0.589	1450.6
67.0	8.3	-1.83	35.18	28.84	157.6	0.593	1450.7
67.5	8.3	-1.83	35.20	28.86	157.4	0.597	1450.8
68.0	8.3	-1.83	35.22	28.88	157.2	0.601	1450.9
68.5	8.3	-1.83	35.24	28.90	157.0	0.605	1451.0
69.0	8.3	-1.83	35.26	28.92	156.8	0.609	1451.1
69.5	8.3	-1.83	35.28	28.94	156.6	0.613	1451.2
70.0	8.3	-1.83	35.30	28.96	156.4	0.617	1451.3
70.5	8.3	-1.83	35.32	28.98	156.2	0.621	1451.4
71.0	8.3	-1.83	35.34	29.00	156.0	0.625	1451.5
71.5	8.3	-1.83	35.36	29.02	155.8	0.629	1451.6
72.0	8.3	-1.83	35.38	29.04	155.6	0.633	1451.7
72.5	8.3	-1.83	35.40	29.06	155.4	0.637	1451.8
73.0	8.3	-1.83	35.42	29.08	155.2	0.641	1451.9
73.5	8.3	-1.83	35.44	29.10	155.0	0.645	1452.0
74.0							

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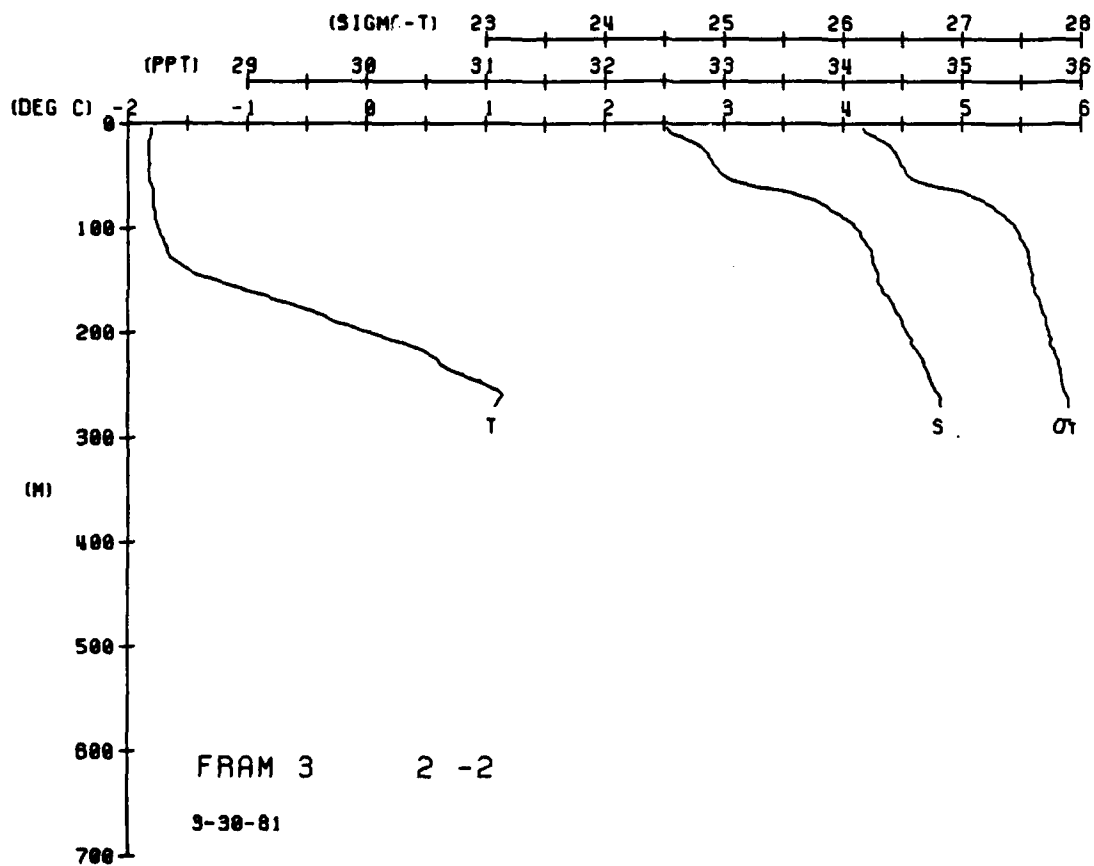
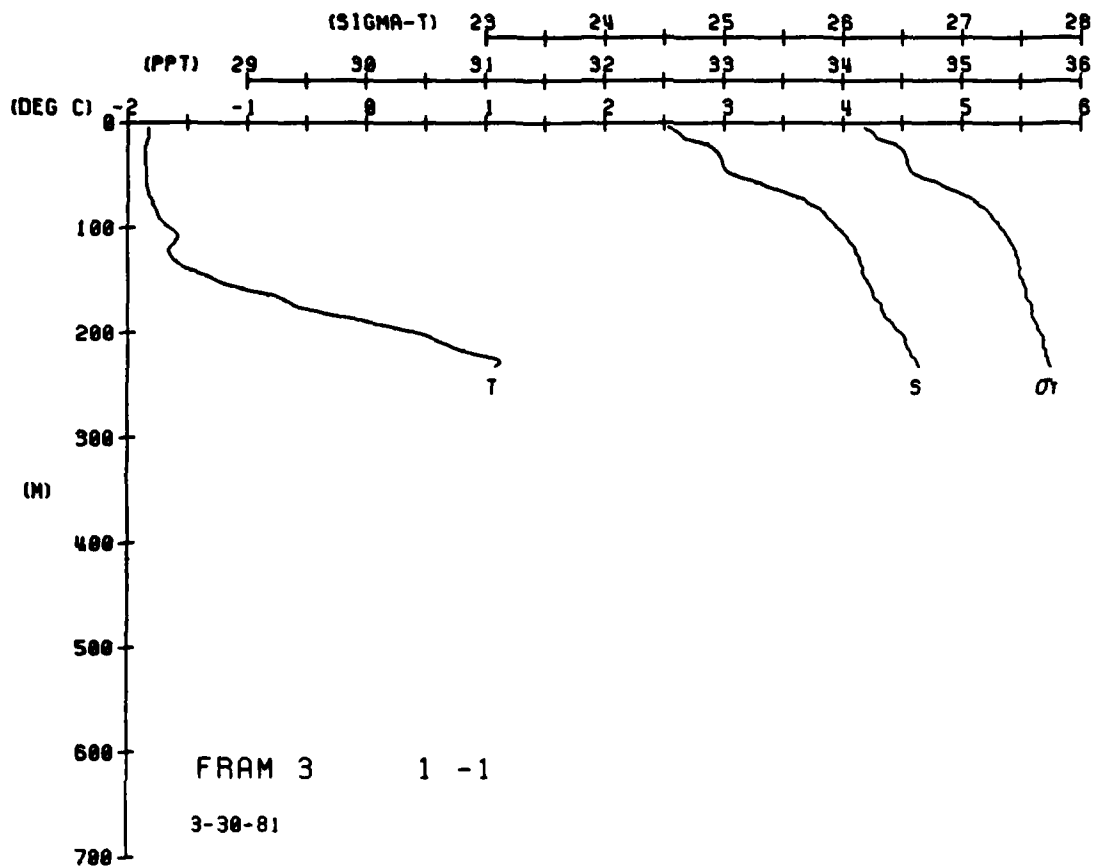
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FRAM 3 STATION 3(2) CTD 30/MAR/1981 2208 GMT CODE = 5
 LAT = 43.9667N LNC = 12.1833E LTER = 300. LGTH = 300.
 AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.79	1.79	32.34	26.02	197.8	0.000	1437.2
4.0	-1.79	1.79	32.34	26.02	197.8	0.008	1437.3
10.0	-1.79	1.79	32.34	26.02	197.8	0.010	1437.4
15.0	-1.79	1.79	32.34	26.02	197.8	0.020	1437.5
20.0	-1.80	1.80	32.34	26.02	197.8	0.040	1437.6
25.0	-1.80	1.80	32.34	26.02	197.8	0.058	1437.9
30.0	-1.81	1.81	32.34	26.02	197.8	0.076	1438.0
35.0	-1.81	1.81	32.34	26.02	197.8	0.085	1438.1
40.0	-1.81	1.81	32.34	26.02	197.8	0.091	1438.2
45.0	-1.81	1.81	32.34	26.02	197.8	0.101	1438.3
50.0	-1.77	1.77	32.34	26.02	197.8	0.109	1438.4
55.0	-1.77	1.77	32.34	26.02	197.8	0.115	1438.5
60.0	-1.78	1.78	32.34	26.02	197.8	0.120	1440.0
65.0	-1.78	1.78	32.34	26.02	197.8	0.124	1440.5
70.0	-1.78	1.78	32.34	26.02	197.8	0.128	1440.8
75.0	-1.78	1.78	32.34	26.02	197.8	0.133	1440.9
80.0	-1.78	1.78	32.34	26.02	197.8	0.136	1441.1
85.0	-1.77	1.77	32.34	26.02	197.8	0.139	1441.3
90.0	-1.77	1.77	32.34	26.02	197.8	0.142	1441.5
95.0	-1.75	1.75	32.34	26.02	197.8	0.148	1441.9
100.0	-1.73	1.73	32.34	26.02	197.8	0.153	1442.2
110.0	-1.68	1.68	32.34	26.02	197.8	0.158	1442.5
120.0	-1.65	1.65	32.34	26.02	197.8	0.163	1443.3
130.0	-1.57	1.57	32.34	26.02	197.8	0.168	1444.6
140.0	-1.53	1.53	32.34	26.02	197.8	0.177	1446.2
150.0	-1.43	1.43	32.34	26.02	197.8	0.181	1448.1
160.0	-1.36	1.36	32.34	26.02	197.8	0.184	1451.6
170.0	-1.30	1.30	32.34	26.02	197.8	0.188	1452.9
180.0	-1.25	1.25	32.34	26.02	197.8	0.194	1453.9
190.0	-1.20	1.20	32.34	26.02	197.8	0.199	1455.9
200.0	-1.15	1.15	32.34	26.02	197.8	0.204	1456.9
210.0	-1.10	1.10	32.34	26.02	197.8	0.206	1458.2
220.0	-1.05	1.05	32.34	26.02	197.8	0.206	1458.2
230.0	-1.00	1.00	32.34	26.02	197.8	0.206	1458.2
240.0	-0.95	0.95	32.34	26.02	197.8	0.206	1458.2
250.0	-0.90	0.90	32.34	26.02	197.8	0.206	1458.2
260.0	-0.85	0.85	32.34	26.02	197.8	0.206	1458.2
270.0	-0.80	0.80	32.34	26.02	197.8	0.206	1458.2

FRAM 3 STATION 4(1) CTD 4/APR/1981 1433 GMT CODE = 5
 LAT = 44.1633N LNC = 12.6600E LTER = 300. LGTH = 300.
 AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.74	1.74	31.58	25.40	256.9	0.000	1436.4
4.0	-1.74	1.74	31.58	25.40	256.9	0.010	1436.5
10.0	-1.74	1.74	31.58	25.40	256.9	0.013	1436.6
15.0	-1.75	1.75	31.58	25.40	256.9	0.019	1436.7
20.0	-1.77	1.77	31.58	25.40	256.9	0.029	1436.9
25.0	-1.77	1.77	31.58	25.40	256.9	0.043	1437.2
30.0	-1.77	1.77	31.58	25.40	256.9	0.064	1437.5
35.0	-1.79	1.79	31.58	25.40	256.9	0.085	1437.7
40.0	-1.79	1.79	31.58	25.40	256.9	0.105	1437.9
45.0	-1.79	1.79	31.58	25.40	256.9	0.115	1438.0
50.0	-1.77	1.77	31.58	25.40	256.9	0.123	1438.1
55.0	-1.77	1.77	31.58	25.40	256.9	0.130	1438.4
60.0	-1.78	1.78	31.58	25.40	256.9	0.136	1439.0
65.0	-1.79	1.79	31.58	25.40	256.9	0.141	1440.1
70.0	-1.79	1.79	31.58	25.40	256.9	0.145	1440.5
75.0	-1.78	1.78	31.58	25.40	256.9	0.148	1440.7
80.0	-1.78	1.78	31.58	25.40	256.9	0.155	1441.5
85.0	-1.77	1.77	31.58	25.40	256.9	0.158	1441.9
90.0	-1.77	1.77	31.58	25.40	256.9	0.161	1441.9
95.0	-1.71	1.71	31.58	25.40	256.9	0.166	1442.5
100.0	-1.63	1.63	31.58	25.40	256.9	0.171	1442.5
110.0	-1.53	1.53	31.58	25.40	256.9	0.175	1443.4
120.0	-1.43	1.43	31.58	25.40	256.9	0.180	1445.0
130.0	-1.36	1.36	31.58	25.40	256.9	0.184	1445.0
140.0	-1.29	1.29	31.58	25.40	256.9	0.188	1445.4
150.0	-1.22	1.22	31.58	25.40	256.9	0.192	1445.4
160.0	-1.15	1.15	31.58	25.40	256.9	0.195	1445.4
170.0	-1.08	1.08	31.58	25.40	256.9	0.198	1445.4
180.0	-1.00	1.00	31.58	25.40	256.9	0.201	1445.4
190.0	-0.93	0.93	31.58	25.40	256.9	0.203	1445.4
200.0	-0.86	0.86	31.58	25.40	256.9	0.206	1445.4
210.0	-0.80	0.80	31.58	25.40	256.9	0.208	1445.4
220.0	-0.74	0.74	31.58	25.40	256.9	0.212	1445.4
230.0	-0.68	0.68	31.58	25.40	256.9	0.214	1445.4
240.0	-0.62	0.62	31.58	25.40	256.9	0.216	1445.4
250.0	-0.56	0.56	31.58	25.40	256.9	0.217	1445.4
260.0	-0.50	0.50	31.58	25.40	256.9	0.219	1445.4
270.0	-0.44	0.44	31.58	25.40	256.9	0.221	1445.4
280.0	-0.38	0.38	31.58	25.40	256.9	0.221	1445.4
290.0	-0.32	0.32	31.58	25.40	256.9	0.221	1445.4
300.0	-0.26	0.26	31.58	25.40	256.9	0.221	1445.4
310.0	-0.20	0.20	31.58	25.40	256.9	0.221	1445.4
320.0	-0.14	0.14	31.58	25.40	256.9	0.221	1445.4
330.0	-0.08	0.08	31.58	25.40	256.9	0.221	1445.4
340.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
350.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
360.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
370.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
380.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
390.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
400.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
410.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
420.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
430.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
440.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
450.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
460.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
470.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
480.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
490.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4
500.0	0.00	0.00	31.58	25.40	256.9	0.221	1445.4

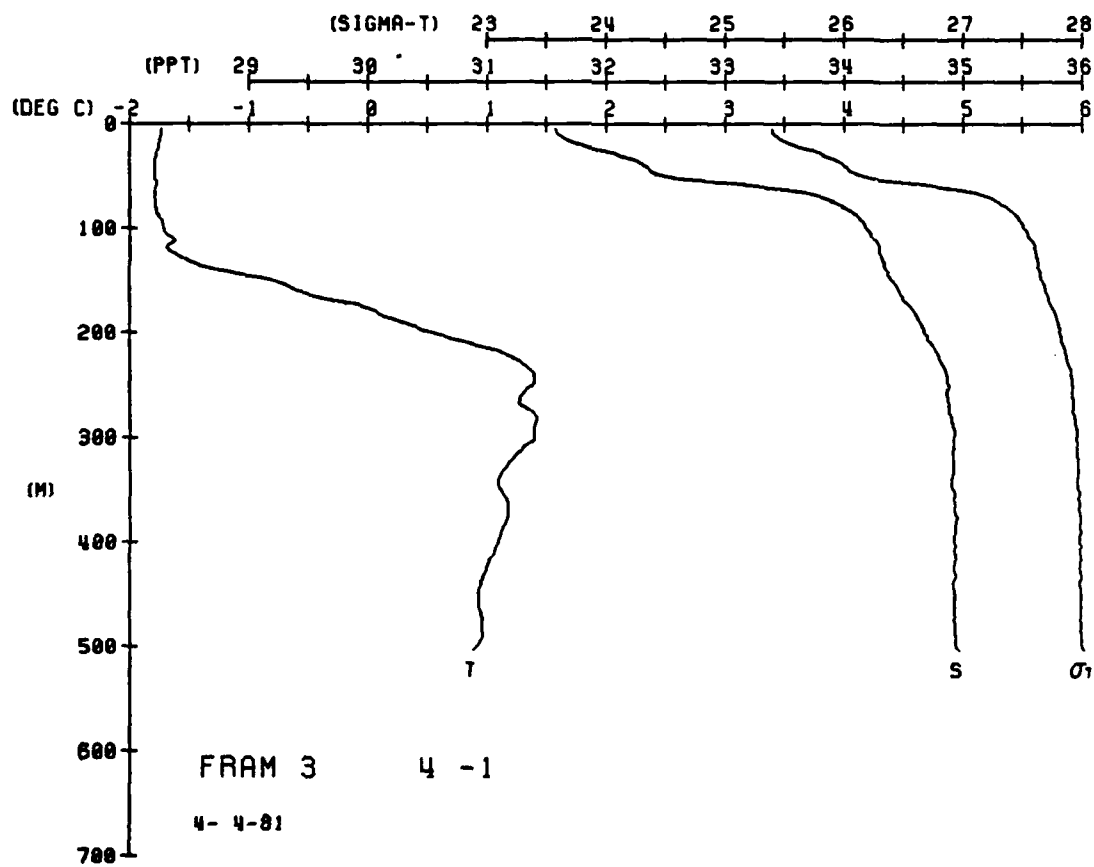
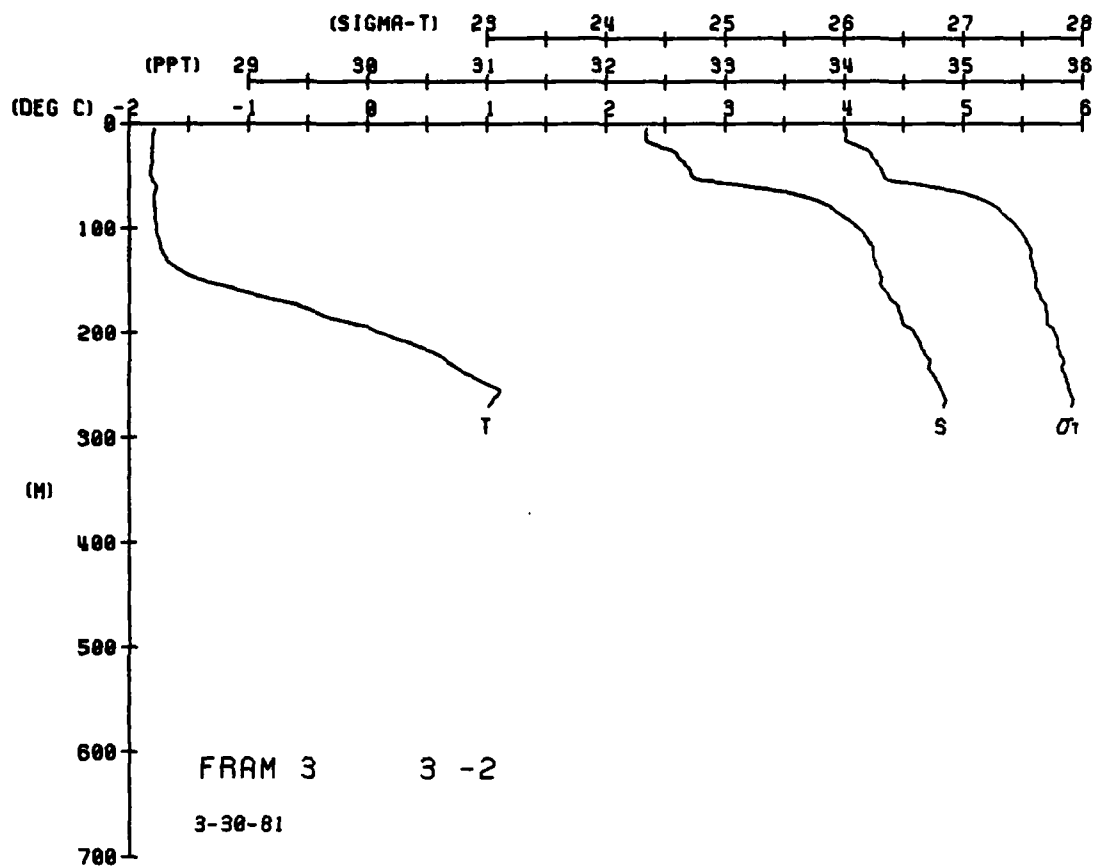


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FRAM 3 STATION 6(1) CTD 7/APR/1981 1320 GMT CODE = 5
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WAT TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

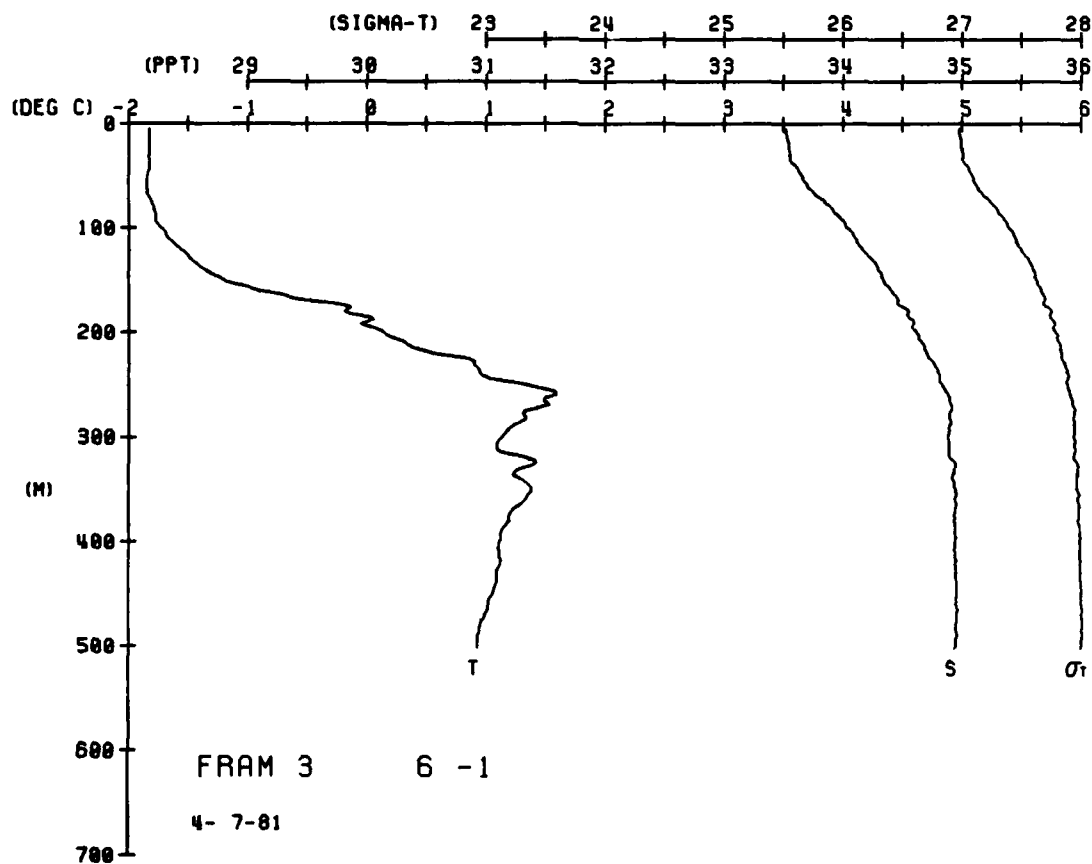
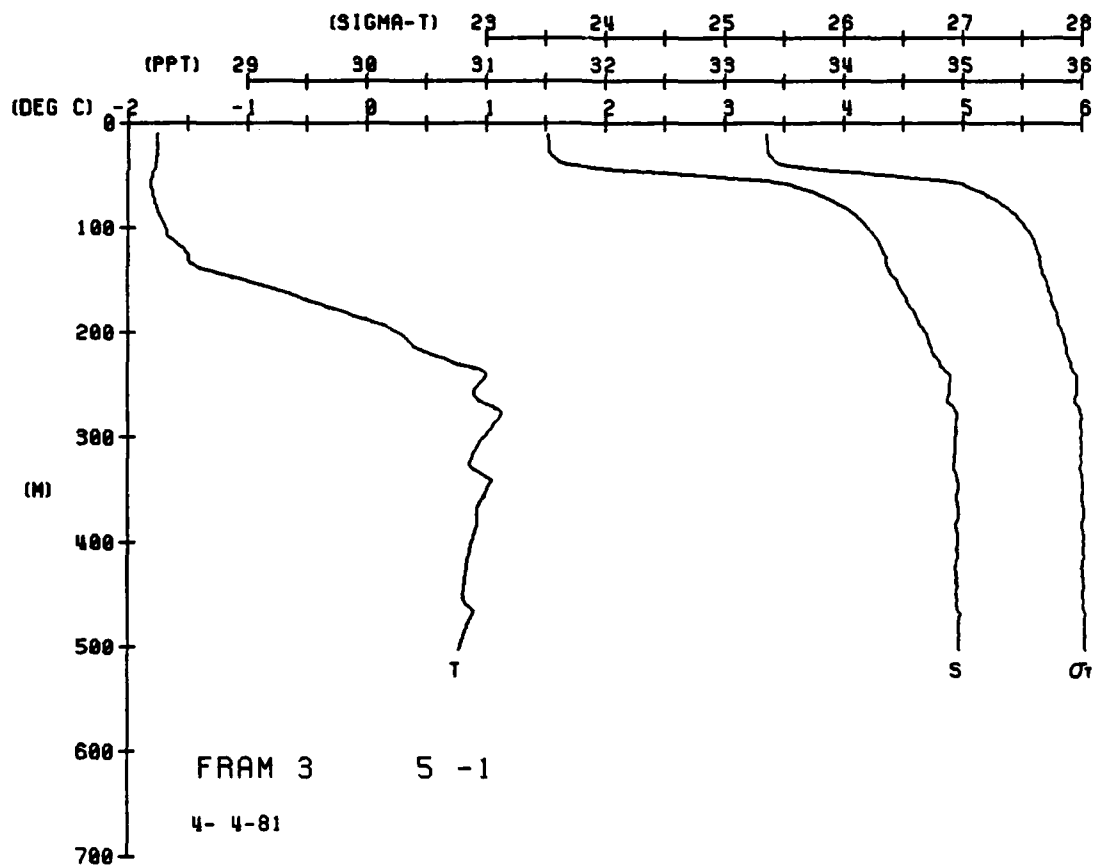
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DEPTH	TEMP	PTFAP	SALIN	SIG. T	SPVUL	DYNHT	SOUND
0	3	1.83	33.52	26.98	106.8	0.000	1438.7
4	1.83	1.83	33.52	26.98	106.6	0.004	1438.8
8	1.83	1.83	33.53	26.99	106.4	0.011	1438.9
12	1.83	1.83	33.54	27.00	104.4	0.016	1439.0
16	1.83	1.83	33.55	27.01	103.5	0.022	1439.1
20	1.83	1.83	33.56	27.04	103.2	0.037	1439.3
24	1.83	1.83	33.60	27.07	98.9	0.047	1439.5
28	1.84	1.84	33.68	27.09	95.8	0.057	1439.7
32	1.84	1.84	33.68	27.11	93.5	0.057	1439.8
36	1.84	1.84	33.71	27.13	91.5	0.066	1439.9
40	1.84	1.84	33.75	27.17	88.7	0.071	1440.3
44	1.83	1.83	33.85	27.25	80.7	0.075	1440.5
48	1.80	1.79	33.94	27.28	77.4	0.079	1440.8
52	1.77	1.77	33.94	27.31	74.9	0.086	1441.1
56	1.77	1.77	33.94	27.35	70.9	0.086	1441.1
60	1.76	1.76	34.02	27.38	68.0	0.093	1441.3
64	1.67	1.72	34.11	27.45	65.9	0.093	1441.6
68	1.57	1.57	34.17	27.50	61.2	0.106	1442.2
72	1.48	1.47	34.26	27.57	56.4	0.111	1443.6
76	1.48	1.47	34.31	27.60	46.8	0.116	1444.3
80	1.49	1.49	34.45	27.64	43.9	0.121	1445.4
84	1.49	1.49	34.46	27.68	38.9	0.125	1445.4
88	1.44	1.44	34.46	27.79	33.2	0.132	1449.0
92	1.37	1.37	34.50	27.83	30.2	0.136	1450.9
96	1.33	1.33	34.63	27.83	29.2	0.139	1452.8
100	1.33	1.33	34.71	27.87	26.6	0.147	1453.6
104	1.33	1.33	34.71	27.87	22.0	0.147	1455.2
108	1.33	1.33	34.84	27.90	22.0	0.149	1457.4
112	1.37	1.37	34.84	27.93	20.9	0.153	1459.3
116	1.37	1.37	34.90	27.94	18.4	0.155	1460.5
120	1.32	1.32	34.90	27.94	16.2	0.156	1460.5
124	1.22	1.22	34.90	27.95	15.7	0.159	1459.2
128	1.22	1.22	34.90	27.95	16.0	0.159	1459.2
132	1.22	1.22	34.90	27.95	15.0	0.161	1459.2
136	1.22	1.22	34.94	27.98	16.2	0.163	1460.0
140	1.29	1.29	34.94	27.98	13.2	0.164	1460.0
144	1.29	1.29	34.93	27.97	14.2	0.167	1461.1
148	1.37	1.37	34.95	27.98	12.5	0.168	1461.1
152	1.31	1.31	34.94	27.98	12.8	0.169	1460.0
156	1.24	1.24	34.95	27.99	11.6	0.172	1460.0
160	1.20	1.20	34.95	28.00	11.6	0.173	1460.0
164	1.10	1.10	34.95	28.00	11.7	0.174	1461.1
168	1.11	1.11	34.96	28.01	10.6	0.177	1461.1
172	1.09	1.09	34.96	28.01	10.3	0.178	1461.1
176	1.09	1.09	34.96	28.01	10.1	0.179	1461.1
180	1.04	1.04	34.96	28.01	9.9	0.180	1461.1
184	0.99	0.99	34.96	28.01	9.2	0.181	1461.1
188	0.99	0.99	34.97	28.02	9.2	0.183	1461.1
192	0.99	0.99	34.97	28.02	10.0	0.184	1461.1
196	0.99	0.99	34.99	28.03	10.0	0.184	1461.1



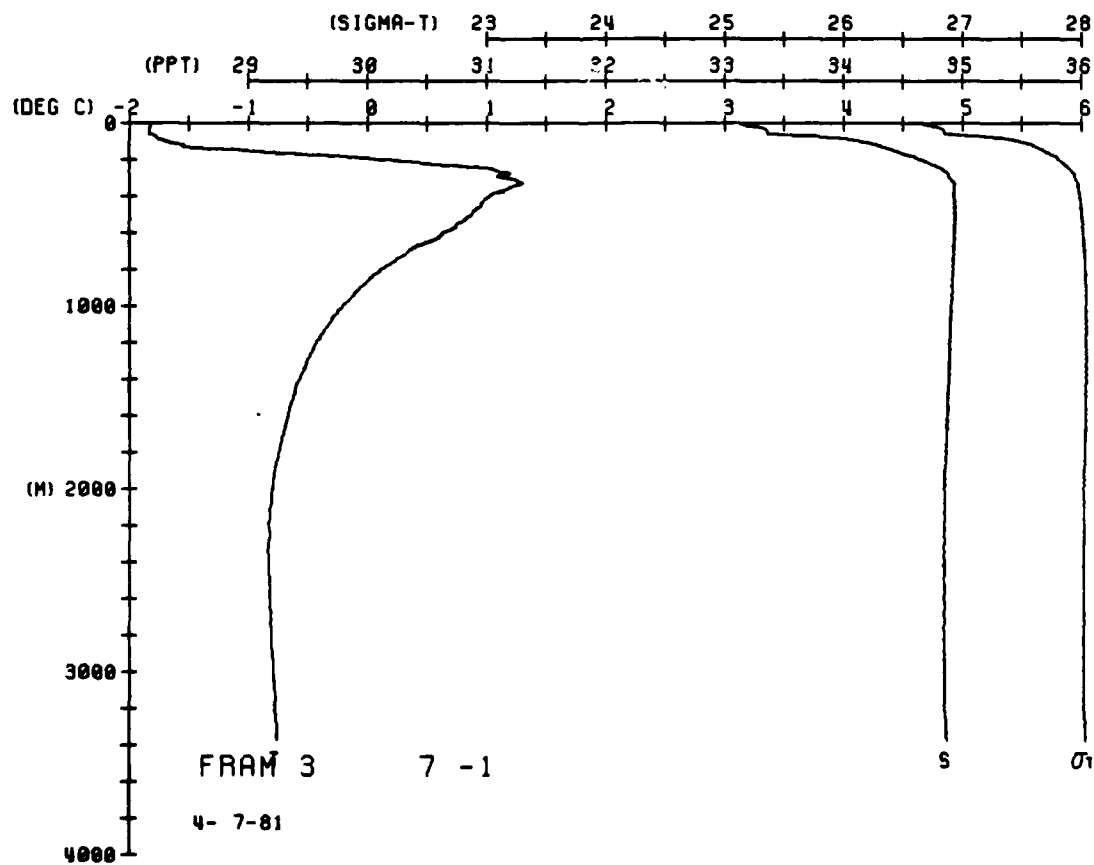
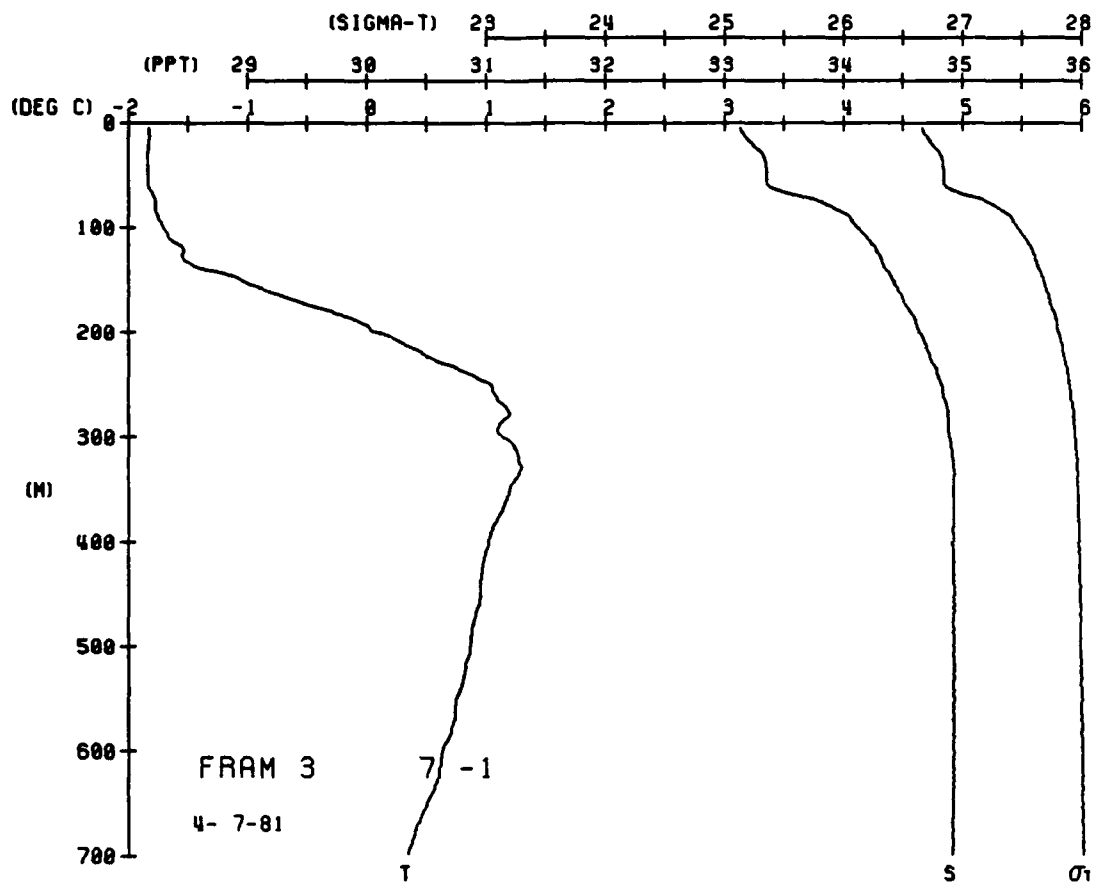
FWHM 3 STATION 7(1) CTU
LAT = 83.0772N LNC = 10.0
ALT TEMP = 0.0 BARUM =

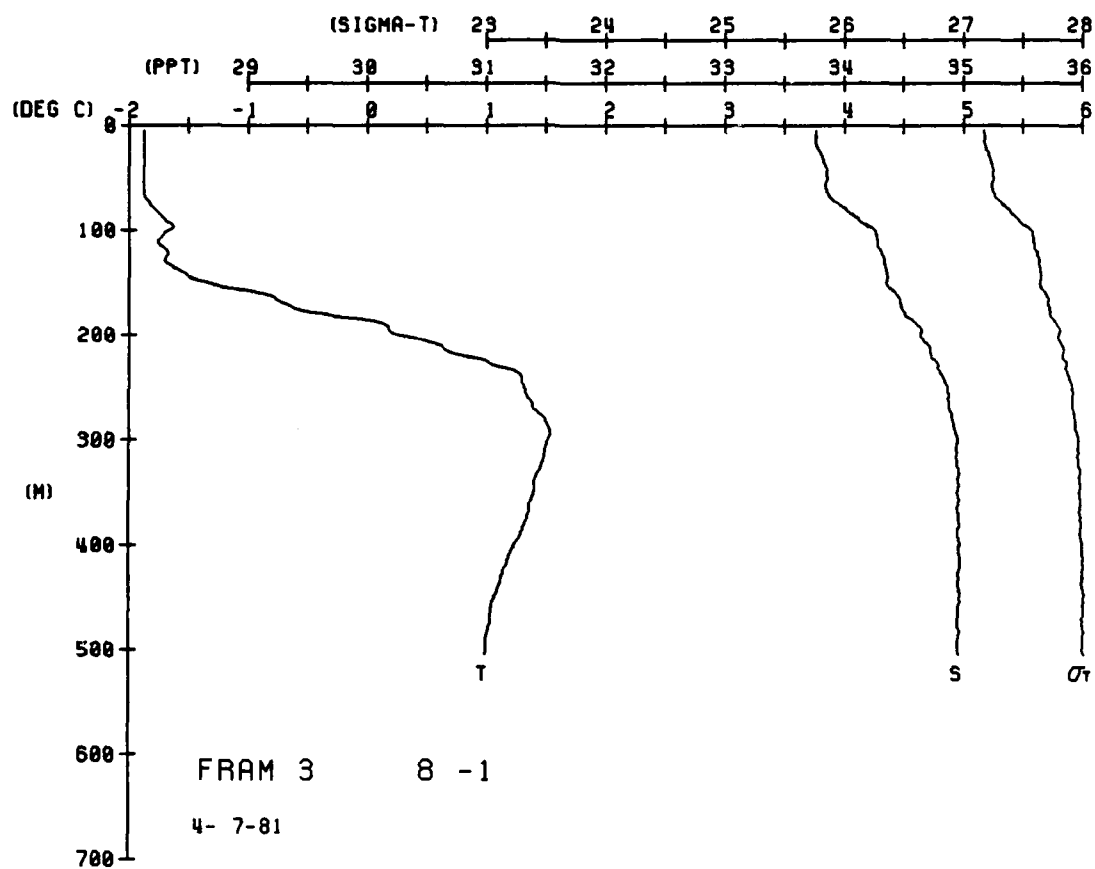
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	10.00	10.00	35.00	0.00	0.00	0.00	1.00
1	10.00	10.00	35.00	0.00	0.00	0.00	1.00
2	10.00	10.00	35.00	0.00	0.00	0.00	1.00
3	10.00	10.00	35.00	0.00	0.00	0.00	1.00
4	10.00	10.00	35.00	0.00	0.00	0.00	1.00
5	10.00	10.00	35.00	0.00	0.00	0.00	1.00
6	10.00	10.00	35.00	0.00	0.00	0.00	1.00
7	10.00	10.00	35.00	0.00	0.00	0.00	1.00
8	10.00	10.00	35.00	0.00	0.00	0.00	1.00
9	10.00	10.00	35.00	0.00	0.00	0.00	1.00
10	10.00	10.00	35.00	0.00	0.00	0.00	1.00
11	10.00	10.00	35.00	0.00	0.00	0.00	1.00
12	10.00	10.00	35.00	0.00	0.00	0.00	1.00
13	10.00	10.00	35.00	0.00	0.00	0.00	1.00
14	10.00	10.00	35.00	0.00	0.00	0.00	1.00
15	10.00	10.00	35.00	0.00	0.00	0.00	1.00
16	10.00	10.00	35.00	0.00	0.00	0.00	1.00
17	10.00	10.00	35.00	0.00	0.00	0.00	1.00
18	10.00	10.00	35.00	0.00	0.00	0.00	1.00
19	10.00	10.00	35.00	0.00	0.00	0.00	1.00
20	10.00	10.00	35.00	0.00	0.00	0.00	1.00
21	10.00	10.00	35.00	0.00	0.00	0.00	1.00
22	10.00	10.00	35.00	0.00	0.00	0.00	1.00
23	10.00	10.00	35.00	0.00	0.00	0.00	1.00
24	10.00	10.00	35.00	0.00	0.00	0.00	1.00
25	10.00	10.00	35.00	0.00	0.00	0.00	1.00
26	10.00	10.00	35.00	0.00	0.00	0.00	1.00
27	10.00	10.00	35.00	0.00	0.00	0.00	1.00
28	10.00	10.00	35.00	0.00	0.00	0.00	1.00
29	10.00	10.00	35.00	0.00	0.00	0.00	1.00
30	10.00	10.00	35.00	0.00	0.00	0.00	1.00
31	10.00	10.00	35.00	0.00	0.00	0.00	1.00
32	10.00	10.00	35.00	0.00	0.00	0.00	1.00
33	10.00	10.00	35.00	0.00	0.00	0.00	1.00
34	10.00	10.00	35.00	0.00	0.00	0.00	1.00
35	10.00	10.00	35.00	0.00	0.00	0.00	1.00
36	10.00	10.00	35.00	0.00	0.00	0.00	1.00
37	10.00	10.00	35.00	0.00	0.00	0.00	1.00
38	10.00	10.00	35.00	0.00	0.00	0.00	1.00
39	10.00	10.00	35.00	0.00	0.00	0.00	1.00
40	10.00	10.00	35.00	0.00	0.00	0.00	1.00
41	10.00	10.00	35.00	0.00	0.00	0.00	1.00
42	10.00	10.00	35.00	0.00	0.00	0.00	1.00
43	10.00	10.00	35.00	0.00	0.00	0.00	1.00
44	10.00	10.00	35.00	0.00	0.00	0.00	1.00
45	10.00	10.00	35.00	0.00	0.00	0.00	1.00
46	10.00	10.00	35.00	0.00	0.00	0.00	1.00
47	10.00	10.00	35.00	0.00	0.00	0.00	1.00
48	10.00	10.00	35.00	0.00	0.00	0.00	1.00
49	10.00	10.00	35.00	0.00	0.00	0.00	1.00
50	10.00	10.00	35.00	0.00	0.00	0.00	1.00
51	10.00	10.00	35.00	0.00	0.0		



PHAM 3 STATION 8(1) CTU 7/APR/1981 1508 GMT CODE = 5
 LAT = 83.0317N LMG = 13.8617E GIER = 300. LGER = 300.
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG 1	SPVUL	DYHHT	SOUND
0.0	1.88	1.88	33.70	27.18	88.2	0.000	1438.4
0.4	1.88	1.88	33.70	27.18	88.1	0.004	1438.9
5.0	1.87	1.87	33.77	27.18	88.0	0.009	1439.0
10.0	1.87	1.87	33.77	27.18	88.0	0.013	1439.1
15.0	1.87	1.87	33.76	27.19	87.0	0.018	1439.2
20.0	1.87	1.87	33.80	27.22	85.1	0.022	1439.4
25.0	1.87	1.87	33.82	27.22	83.6	0.026	1439.4
30.0	1.87	1.87	33.83	27.23	82.4	0.031	1439.5
35.0	1.87	1.87	33.85	27.23	81.1	0.035	1439.6
40.0	1.88	1.88	33.85	27.25	80.1	0.039	1439.7
45.0	1.88	1.88	33.86	27.26	80.0	0.043	1439.8
50.0	1.88	1.88	33.85	27.25	81.1	0.047	1439.9
55.0	1.88	1.88	33.85	27.25	80.8	0.051	1439.9
60.0	1.87	1.87	33.87	27.26	79.5	0.055	1440.1
65.0	1.85	1.85	33.90	27.28	77.4	0.059	1440.3
70.0	1.82	1.82	33.90	27.34	72.3	0.063	1440.6
75.0	1.78	1.78	34.01	27.34	68.2	0.066	1441.0
80.0	1.74	1.74	34.13	27.43	63.9	0.070	1441.3
85.0	1.70	1.70	34.18	27.47	59.7	0.073	1441.7
90.0	1.63	1.63	34.27	27.51	55.8	0.076	1442.2
95.0	1.67	1.67	34.28	27.59	49.2	0.078	1442.2
100.0	1.67	1.67	34.31	27.62	45.6	0.084	1442.5
110.0	1.65	1.65	34.34	27.64	43.5	0.091	1442.7
120.0	1.55	1.55	34.36	27.65	42.5	0.097	1443.5
130.0	1.35	1.35	34.44	27.72	42.9	0.101	1444.6
140.0	1.39	1.39	34.48	27.73	38.3	0.105	1447.1
150.0	1.40	1.40	34.52	27.79	36.1	0.113	1448.2
160.0	1.46	1.46	34.65	27.81	32.9	0.119	1452.3
170.0	1.50	1.50	34.72	27.84	28.5	0.122	1455.2
180.0	1.52	1.52	34.73	27.84	25.3	0.124	1455.2
190.0	1.53	1.53	34.79	27.87	22.5	0.127	1458.4
200.0	1.52	1.52	34.84	27.89	21.0	0.129	1458.9
210.0	1.52	1.52	34.89	27.93	17.7	0.133	1459.2
220.0	1.50	1.50	34.89	27.94	17.6	0.136	1459.6
230.0	1.50	1.50	34.92	27.96	15.1	0.138	1460.0
240.0	1.50	1.50	34.96	27.97	13.9	0.139	1460.9
250.0	1.50	1.50	34.96	27.98	13.5	0.141	1461.1
260.0	1.44	1.44	34.97	27.99	13.5	0.142	1461.2
270.0	1.44	1.44	34.97	27.99	11.2	0.143	1461.2
280.0	1.40	1.40	34.97	27.99	11.1	0.144	1461.4
290.0	1.37	1.37	34.97	28.00	11.1	0.146	1461.5
300.0	1.36	1.36	34.98	28.01	10.9	0.148	1461.5
310.0	1.33	1.33	34.98	28.01	10.5	0.149	1461.5
320.0	1.32	1.32	34.97	28.01	10.3	0.152	1461.5
330.0	1.32	1.32	34.97	28.02	10.3	0.153	1461.5
340.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
350.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
360.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
370.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
380.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
390.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
400.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
410.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
420.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
430.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
440.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
450.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
460.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
470.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
480.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
490.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5
500.0	1.31	1.31	34.97	28.01	10.3	0.155	1461.5



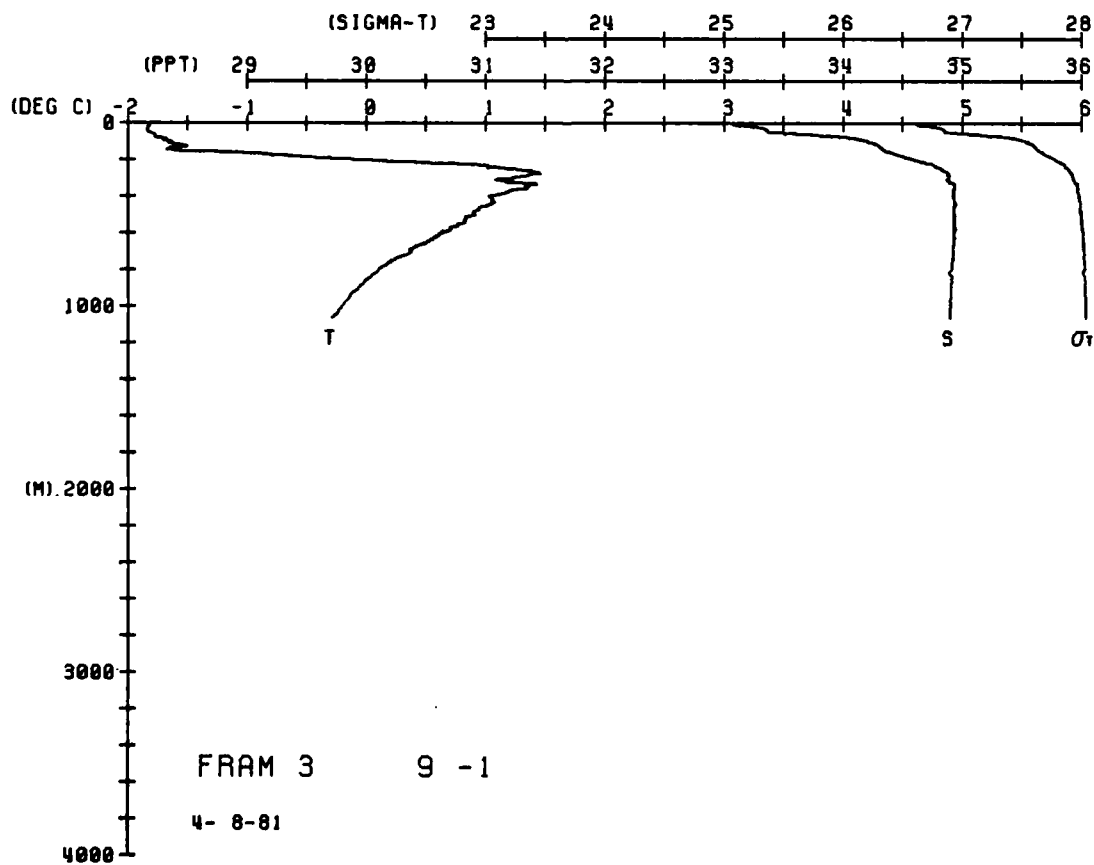
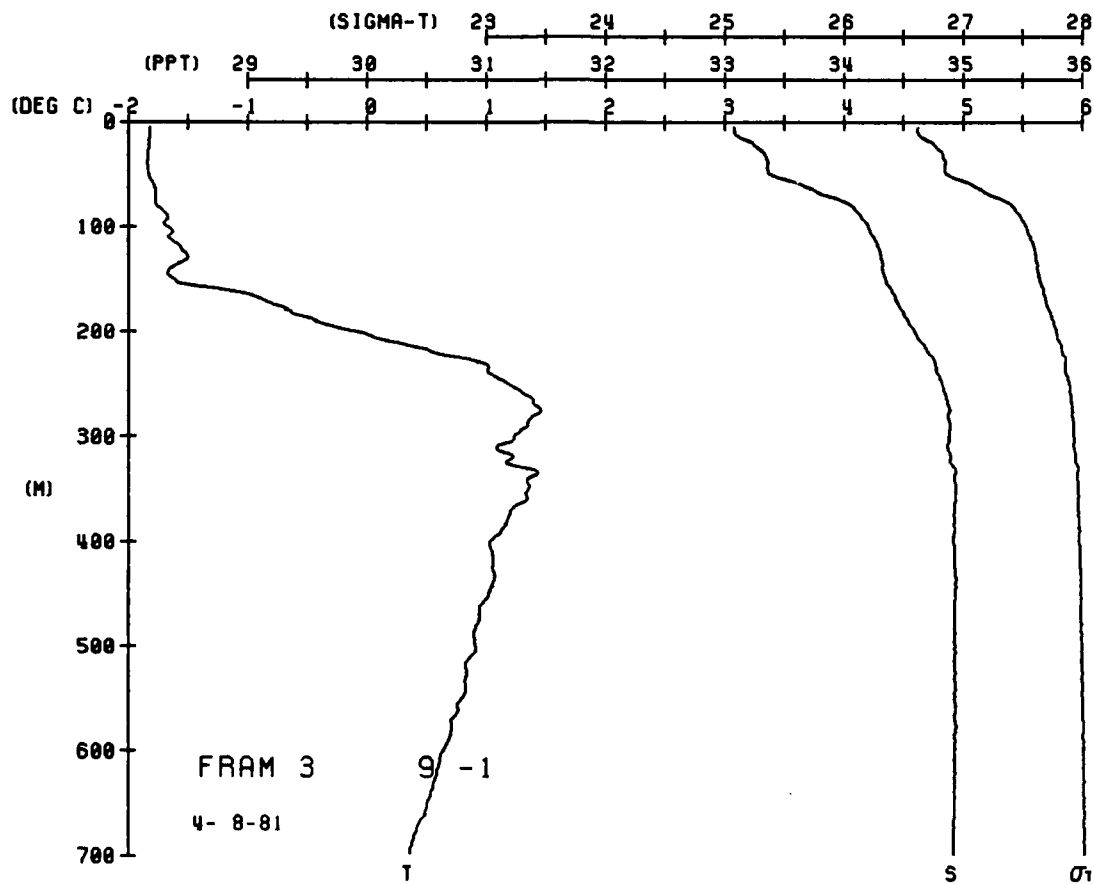


FRAM 3 STATION 10(1) CTD 8/APR/1981 1416 GMT CODE = 5
LAT = 83.0948N LNC = 9.9017E LTER = 30.0 USER = 30.0
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	82	-1.82	33.00	26.60	142.4	0.000	1438.1
5	82	-1.82	33.00	26.60	142.3	0.006	1438.2
10	82	-1.82	33.00	26.60	142.3	0.014	1438.3
15	83	-1.83	33.00	26.60	141.9	0.028	1438.4
20	83	-1.83	33.00	26.60	141.8	0.035	1438.5
25	83	-1.83	33.00	26.60	141.8	0.048	1438.6
30	83	-1.83	33.00	26.60	141.8	0.054	1438.7
35	84	-1.84	33.00	26.60	141.8	0.066	1438.8
40	84	-1.84	33.00	26.60	141.8	0.072	1438.9
45	84	-1.84	33.00	26.60	141.8	0.077	1439.0
50	84	-1.84	33.00	26.60	141.8	0.083	1439.1
55	84	-1.84	33.00	26.60	141.8	0.087	1439.2
60	84	-1.84	33.00	26.60	141.8	0.092	1439.3
65	84	-1.84	33.00	26.60	141.8	0.096	1439.4
70	84	-1.84	33.00	26.60	141.8	0.100	1439.5
75	84	-1.84	33.00	26.60	141.8	0.104	1439.6
80	84	-1.84	33.00	26.60	141.8	0.107	1439.7
85	84	-1.84	33.00	26.60	141.8	0.110	1439.8
90	84	-1.84	33.00	26.60	141.8	0.116	1439.9
95	84	-1.84	33.00	26.60	141.8	0.120	1440.0
100	84	-1.84	33.00	26.60	141.8	0.125	1440.1
110	84	-1.84	33.00	26.60	141.8	0.134	1440.2
120	84	-1.84	33.00	26.60	141.8	0.138	1440.3
130	84	-1.84	33.00	26.60	141.8	0.142	1440.4
140	84	-1.84	33.00	26.60	141.8	0.145	1440.5
150	84	-1.84	33.00	26.60	141.8	0.151	1440.6
160	84	-1.84	33.00	26.60	141.8	0.154	1440.7
170	84	-1.84	33.00	26.60	141.8	0.158	1440.8
180	84	-1.84	33.00	26.60	141.8	0.163	1440.9
190	84	-1.84	33.00	26.60	141.8	0.167	1441.0
200	84	-1.84	33.00	26.60	141.8	0.171	1441.1
210	84	-1.84	33.00	26.60	141.8	0.175	1441.2
220	84	-1.84	33.00	26.60	141.8	0.179	1441.3
230	84	-1.84	33.00	26.60	141.8	0.183	1441.4
240	84	-1.84	33.00	26.60	141.8	0.187	1441.5
250	84	-1.84	33.00	26.60	141.8	0.191	1441.6
260	84	-1.84	33.00	26.60	141.8	0.195	1441.7
270	84	-1.84	33.00	26.60	141.8	0.199	1441.8
280	84	-1.84	33.00	26.60	141.8	0.203	1441.9
290	84	-1.84	33.00	26.60	141.8	0.207	1442.0
300	84	-1.84	33.00	26.60	141.8	0.211	1442.1
310	84	-1.84	33.00	26.60	141.8	0.215	1442.2
320	84	-1.84	33.00	26.60	141.8	0.219	1442.3
330	84	-1.84	33.00	26.60	141.8	0.223	1442.4
340	84	-1.84	33.00	26.60	141.8	0.227	1442.5
350	84	-1.84	33.00	26.60	141.8	0.231	1442.6
360	84	-1.84	33.00	26.60	141.8	0.235	1442.7
370	84	-1.84	33.00	26.60	141.8	0.239	1442.8
380	84	-1.84	33.00	26.60	141.8	0.243	1442.9
390	84	-1.84	33.00	26.60	141.8	0.247	1443.0
400	84	-1.84	33.00	26.60	141.8	0.251	1443.1
410	84	-1.84	33.00	26.60	141.8	0.255	1443.2
420	84	-1.84	33.00	26.60	141.8	0.259	1443.3
430	84	-1.84	33.00	26.60	141.8	0.263	1443.4
440	84	-1.84	33.00	26.60	141.8	0.267	1443.5
450	84	-1.84	33.00	26.60	141.8	0.271	1443.6
460	84	-1.84	33.00	26.60	141.8	0.275	1443.7
470	84	-1.84	33.00	26.60	141.8	0.279	1443.8
480	84	-1.84	33.00	26.60	141.8	0.283	1443.9
490	84	-1.84	33.00	26.60	141.8	0.287	1444.0
500	84	-1.84	33.00	26.60	141.8	0.291	1444.1

FRAM 3 STATION 11(1) CTD 8/APR/1981 1706 GMT CODE = 5
LAT = 83.1018N LNC = 9.8637E LTER = 30.0 USER = 30.0
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

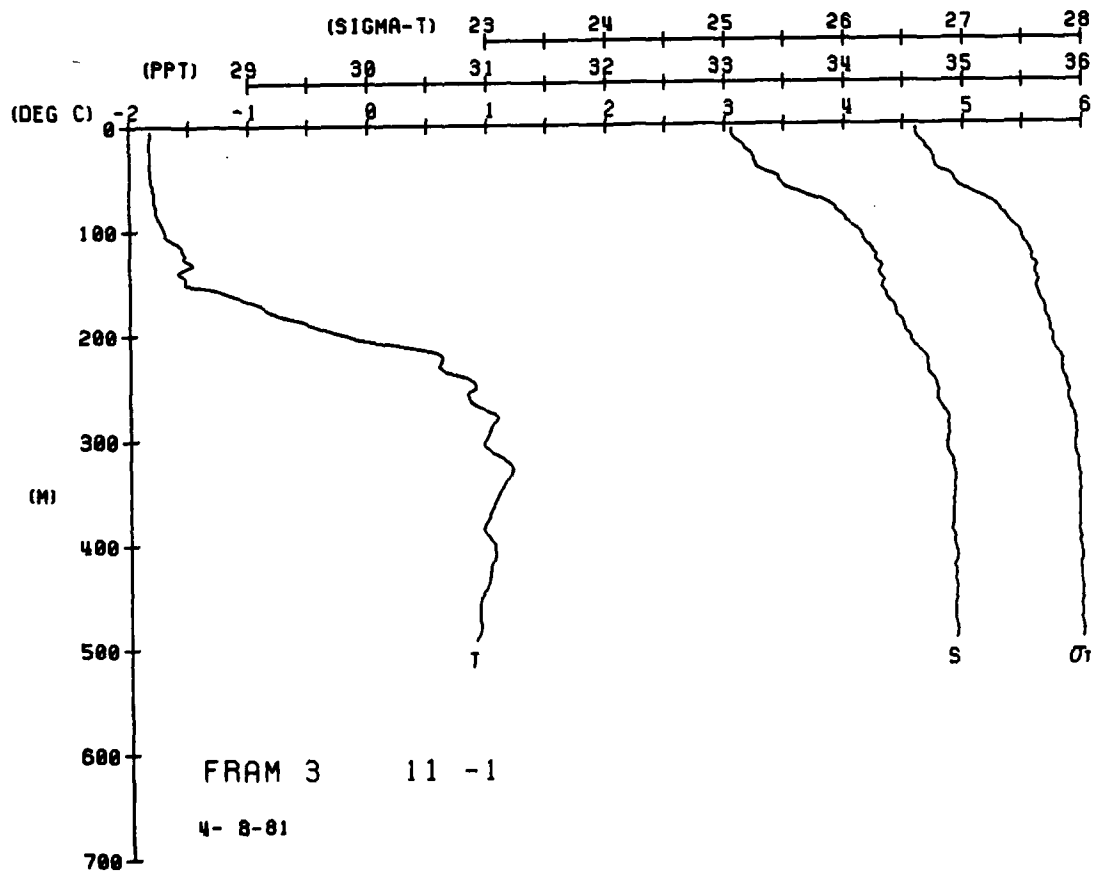
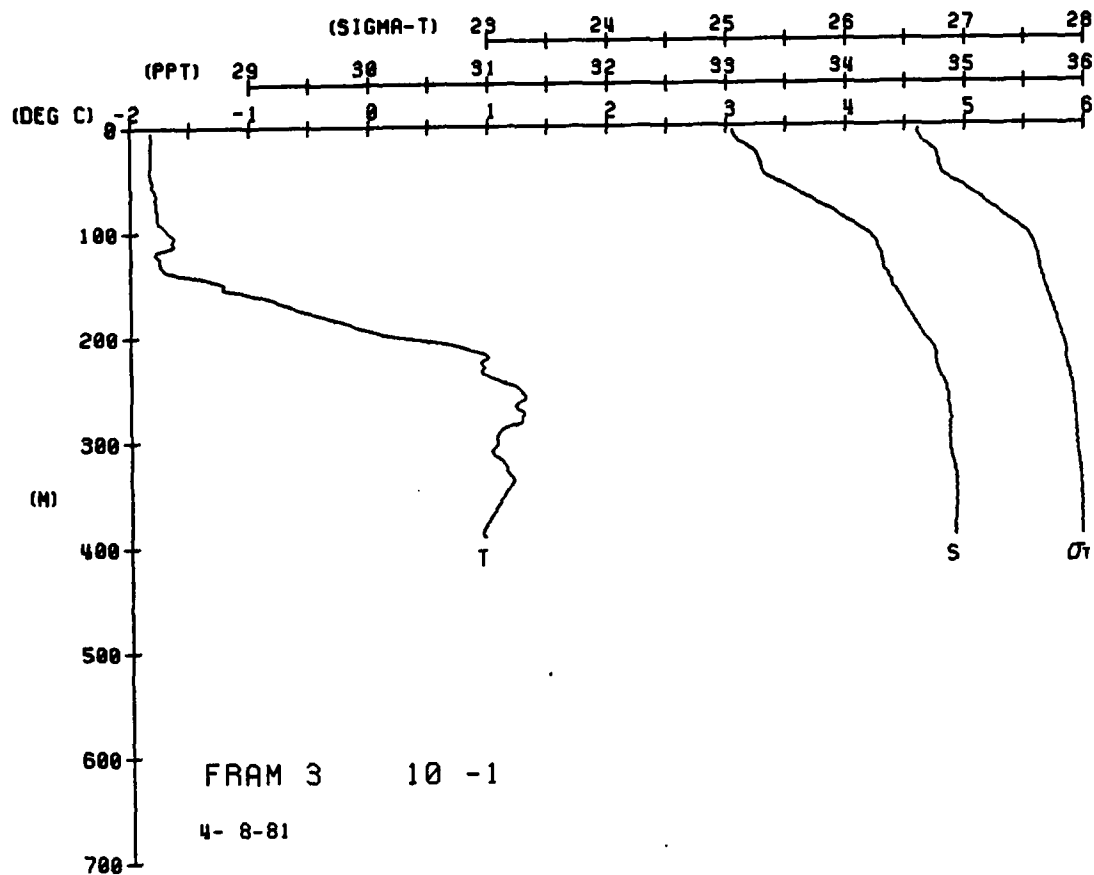
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	83	-1.83	33.07	26.61	141.5	0.000	1438.1
5	83	-1.83	33.07	26.61	141.4	0.006	1438.2
10	83	-1.83	33.07	26.61	141.3	0.014	1438.3
15	83	-1.83	33.07	26.61	141.3	0.028	1438.4
20	83	-1.83	33.07	26.61	141.3	0.042	1438.5
25	83	-1.83	33.07	26.61	141.3	0.054	1438.6
30	83	-1.83	33.07	26.61	141.3	0.066	1438.7
35	83	-1.83	33.07	26.61	141.3	0.072	1438.8
40	83	-1.83	33.07	26.61	141.3	0.077	1438.9
45	83	-1.83	33.07	26.61	141.3	0.083	1439.0
50	83	-1.83	33.07	26.61	141.3	0.087	1439.1
55	83	-1.83	33.07	26.61	141.3	0.092	1439.2
60	83	-1.83	33.07	26.61	141.3	0.096	1439.3
65	83	-1.83	33.07	26.61	141.3	0.100	1439.4
70	83	-1.83	33.07	26.61	141.3	0.104	1439.5
75	83	-1.83	33.07	26.61	141.3	0.107	1439.6
80	83	-1.83	33.07	26.61	141.3	0.110	1439.7
85	83	-1.83	33.07	26.61	141.3	0.116	1439.8
90	83	-1.83	33.07	26.61	141.3	0.120	1439.9
95	83	-1.83	33.07	26.61	141.3	0.125	1440.0
100	83	-1.83	33.07	26.61	141.3	0.129	1440.1
110	83	-1.83	33.07	26.61	141.3	0.134	1440.2
120	83	-1.83	33.07	26.61	141.3	0.138	1440.3
130	83	-1.83	33.07	26.61	141.3	0.142	1440.4
140	83	-1.83	33.07	26.61	141.3	0.145	1440.5
150	83	-1.83	33.07	26.61	141.3	0.151	1440.6
160	83	-1.83	33.07	26.61	141.3	0.154	1440.7
170	83	-1.83	33.07	26.61	141.3	0.158	1440.8
180	83	-1.83	33.07	26.61	141.3	0.163	1440.9
190	83	-1.83	33.07	26.61	141.3	0.167	1441.0
200	83	-1.83	33.07	26.61	141.3	0.171	1441.1
210	83	-1.83	33.07	26.61	141.3	0.175	1441.2
220	83	-1.83	33.07	26.61	141.3	0.179	1441.3
230	83	-1.83	33.07	26.61	141.3	0.183	1441.4
240	83	-1.83	33.07	26.61	141.3	0.187	1441.5
250	83	-1.83	33.07	26.61	141.3	0.191	1441.6
260	83	-1.83	33.07	26.61	141.3	0.195	1441.7
270	83	-1.83	33.07	26.61	141.3	0.199	1441.8
280	83	-1.83	33.07	26.61	141.3	0.203	1441.9
290	83	-1.83	33.07	26.61	141.3	0.207	1442.0
300	83	-1.83	33.07	26.61	141.3	0.211	1442.1
310	83	-1.83	33.07	26.61	141.3	0.215	1442.2
320	83	-1.83	33.07	26.61	141.3	0.219	1442.3
330	83	-1.83	33.07	26.61	141.3	0.223	1442.4
340	83	-1.83	33.07	26.61	141.3	0.227	1442.5
350	83	-1.83	33.07	26.61	141.3	0.231	1442.6
360	83	-1.83	33.07	26.61	141.3	0.235	1442.7
370	83	-1.83	33.07	26.61	141.3	0.239	1442.8
380	83	-1.83	33.07	26.61	141.3	0.243	1442.9
390	83	-1.83	33.07	26.61	141.3	0.247	1443.0
400	83	-1.83	33.07	26.61	141.3	0.251	1443.1
410	83	-1.83	33.07	26.61	141.3	0.255	1443.2
420	83	-1.83	33.07	26.61	141.3	0.259	1443.3
430	83	-1.83	33.07	26.61	141.3	0.263	1443.4
440	83	-1.83	33.07	26.61	141.3	0.267	1443.5
450	83	-1.83	33.07	26.61	141.3	0.271	1443.6
460	83	-1.83	33.07	26.61	141.3	0.275	1443.7
470	83	-1.83	33.07	26.61	141.3	0.279	1443.8
480	83	-1.83	33.07	26.61	141.3	0.283	1443.9
490	83	-1.83	33.07	26.61	141.3	0.287	1444.0
500	83	-1.83	33.07	26.61	141.3	0.291	1444.1



FRAM 3 STATION 13(1) CTD 9/APR/1981 1038 GMT CODE = 5
LAT = 83.1963N LONG = 9.4957E LFK = 30 LGFR = 30
TEMP = 0.0 BARIUM = 0.0 WIND = 0.0 SPEED = 12.0

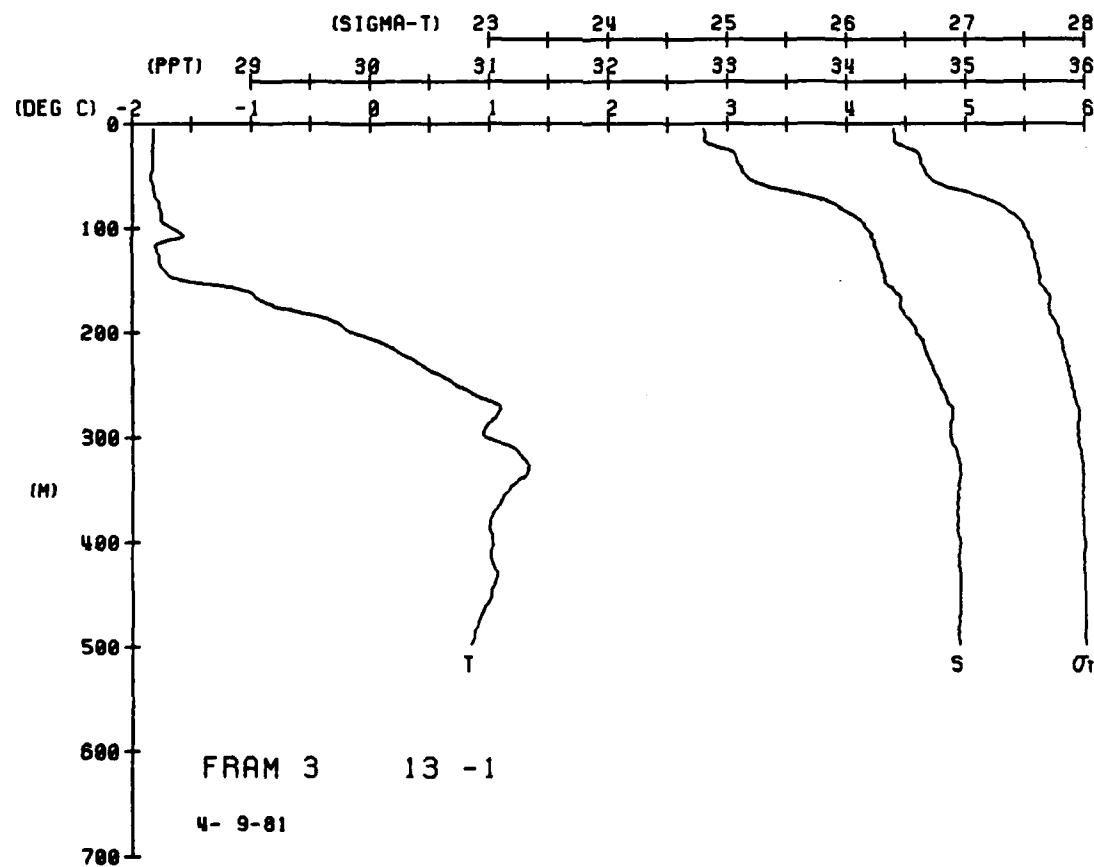
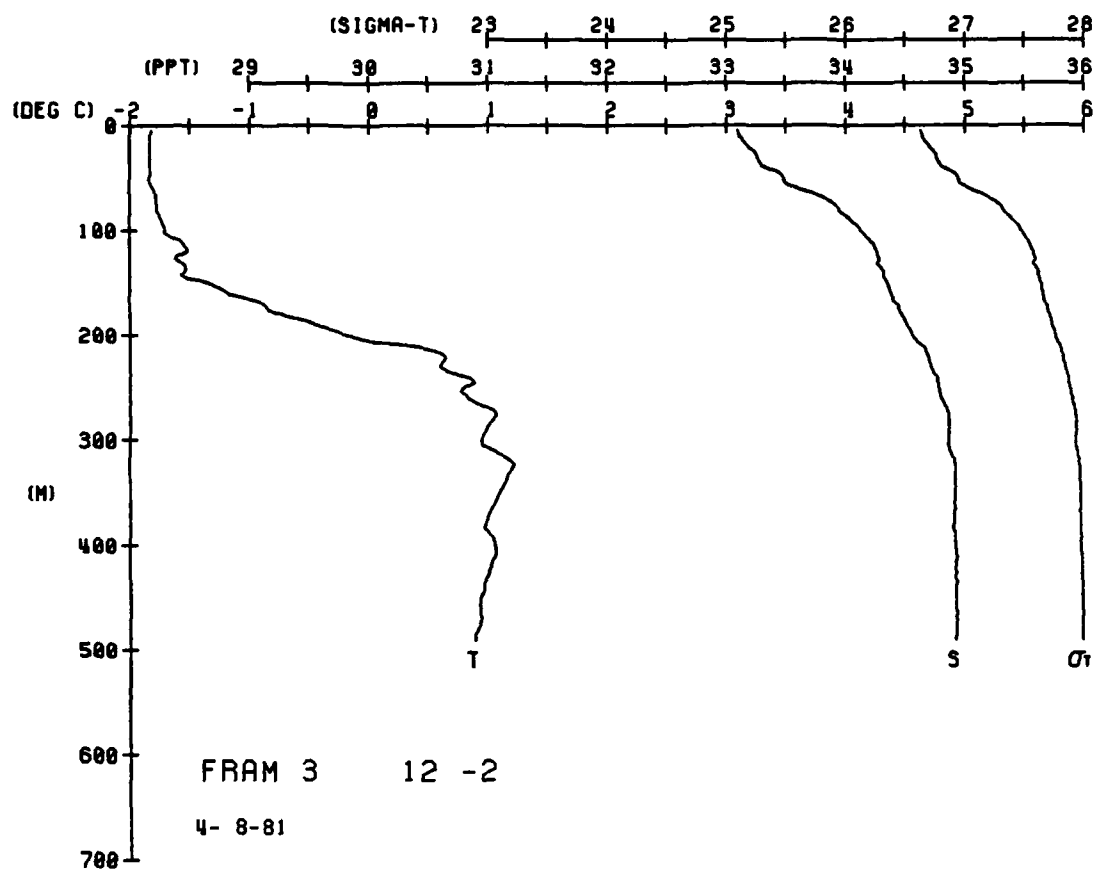
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPWVL	LYNHT	SOUND
0	1.82	-1.182	33.10	26.63	139.6	0.000	1438.1
5	1.82	-1.182	33.10	26.63	139.5	0.006	1438.2
10	1.83	-1.183	33.11	26.65	139.4	0.014	1438.3
15	1.83	-1.183	33.12	26.66	139.3	0.021	1438.4
20	1.83	-1.183	33.13	26.67	139.2	0.028	1438.5
25	1.83	-1.183	33.14	26.68	139.1	0.034	1438.6
30	1.83	-1.183	33.15	26.69	139.0	0.041	1438.7
35	1.83	-1.183	33.16	26.70	138.9	0.048	1438.8
40	1.84	-1.184	33.17	26.71	138.8	0.053	1438.9
45	1.84	-1.184	33.18	26.72	138.7	0.059	1439.0
50	1.84	-1.184	33.19	26.73	138.6	0.065	1439.1
55	1.84	-1.184	33.20	26.74	138.5	0.070	1439.2
60	1.84	-1.184	33.21	26.75	138.4	0.075	1439.3
65	1.84	-1.184	33.22	26.76	138.3	0.080	1439.4
70	1.84	-1.184	33.23	26.77	138.2	0.085	1439.5
75	1.84	-1.184	33.24	26.78	138.1	0.089	1439.6
80	1.84	-1.184	33.25	26.79	138.0	0.092	1439.7
85	1.84	-1.184	33.26	26.80	137.9	0.096	1439.8
90	1.84	-1.184	33.27	26.81	137.8	0.100	1439.9
95	1.84	-1.184	33.28	26.82	137.7	0.103	1440.0
100	1.84	-1.184	33.29	26.83	137.6	0.106	1440.1
105	1.84	-1.184	33.30	26.84	137.5	0.110	1440.2
110	1.84	-1.184	33.31	26.85	137.4	0.113	1440.3
115	1.84	-1.184	33.32	26.86	137.3	0.117	1440.4
120	1.84	-1.184	33.33	26.87	137.2	0.120	1440.5
125	1.84	-1.184	33.34	26.88	137.1	0.124	1440.6
130	1.84	-1.184	33.35	26.89	137.0	0.127	1440.7
135	1.84	-1.184	33.36	26.90	136.9	0.131	1440.8
140	1.84	-1.184	33.37	26.91	136.8	0.134	1440.9
145	1.84	-1.184	33.38	26.92	136.7	0.137	1441.0
150	1.84	-1.184	33.39	26.93	136.6	0.140	1441.1
155	1.84	-1.184	33.40	26.94	136.5	0.143	1441.2
160	1.84	-1.184	33.41	26.95	136.4	0.146	1441.3
165	1.84	-1.184	33.42	26.96	136.3	0.149	1441.4
170	1.84	-1.184	33.43	26.97	136.2	0.152	1441.5
175	1.84	-1.184	33.44	26.98	136.1	0.155	1441.6
180	1.84	-1.184	33.45	26.99	136.0	0.158	1441.7
185	1.84	-1.184	33.46	27.00	135.9	0.161	1441.8
190	1.84	-1.184	33.47	27.01	135.8	0.164	1441.9
195	1.84	-1.184	33.48	27.02	135.7	0.167	1442.0
200	1.84	-1.184	33.49	27.03	135.6	0.169	1442.1
205	1.84	-1.184	33.50	27.04	135.5	0.172	1442.2
210	1.84	-1.184	33.51	27.05	135.4	0.175	1442.3
215	1.84	-1.184	33.52	27.06	135.3	0.177	1442.4
220	1.84	-1.184	33.53	27.07	135.2	0.179	1442.5
225	1.84	-1.184	33.54	27.08	135.1	0.181	1442.6
230	1.84	-1.184	33.55	27.09	135.0	0.184	1442.7
235	1.84	-1.184	33.56	27.10	134.9	0.186	1442.8
240	1.84	-1.184	33.57	27.11	134.8		

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	1.82	-1.82	32.80	26.40	162.2	0.000	1437.6
4	1.82	-1.82	32.80	26.40	162.1	0.008	1437.9
8	1.82	-1.82	32.81	26.41	161.1	0.016	1438.2
15	1.82	-1.82	32.81	26.44	157.8	0.025	1438.6
25	1.83	-1.83	32.86	26.56	146.8	0.048	1438.7
30	1.83	-1.83	33.08	26.62	140.1	0.055	1438.7
35	1.83	-1.83	33.08	26.64	138.4	0.062	1438.9
40	1.83	-1.83	33.11	26.66	136.9	0.069	1439.0
45	1.83	-1.83	33.13	26.69	133.3	0.075	1439.2
50	1.84	-1.84	33.16	26.74	129.3	0.082	1439.5
55	1.84	-1.84	33.22	26.83	120.8	0.088	1439.9
60	1.84	-1.84	33.33	26.98	105.8	0.094	1440.2
65	1.84	-1.84	33.33	27.13	92.9	0.099	1440.7
70	1.84	-1.84	33.33	27.27	80.3	0.107	1440.9
75	1.77	-1.77	33.70	27.15	73.8	0.114	1441.1
80	1.77	-1.77	33.95	27.38	68.1	0.117	1441.1
85	1.76	-1.76	34.02	27.44	58.5	0.120	1442.1
90	1.74	-1.74	34.09	27.71	51.9	0.126	1442.5
95	1.66	-1.66	34.14	27.58	47.4	0.131	1442.6
100	1.62	-1.62	34.26	27.62	44.5	0.140	1443.5
110	1.61	-1.61	34.28	27.63	39.8	0.149	1446.3
120	1.77	-1.77	34.31	27.67	36.5	0.157	1447.2
130	1.77	-1.77	34.41	27.71	32.0	0.163	1450.6
140	1.54	-1.54	34.46	27.72	27.4	0.169	1451.8
150	1.01	-1.01	34.48	27.77	22.3	0.172	1453.6
160	0.90	-0.90	34.56	27.80	20.3	0.176	1457.4
170	0.26	-0.26	34.56	27.92	18.0	0.180	1457.5
180	0.13	-0.13	34.68	27.95	15.4	0.183	1458.5
200	0.42	-0.42	34.72	27.86	15.2	0.186	1459.8
220	0.00	-0.00	34.75	27.87	14.0	0.187	1460.7
230	0.00	-0.00	34.79	27.90	12.2	0.188	1460.7
240	0.00	-0.00	34.84	27.92	11.2	0.191	1460.7
250	0.00	-0.00	34.88	27.95	11.2	0.192	1460.7
260	0.00	-0.00	34.90	27.96	11.2	0.193	1460.7
270	0.00	-0.00	34.88	27.97	11.1	0.194	1460.7
280	0.00	-0.00	34.92	28.00	11.1	0.196	1460.7
290	0.00	-0.00	34.94	28.01	11.1	0.197	1460.7
300	0.00	-0.00	34.94	28.01	11.1	0.198	1460.7
310	0.00	-0.00	34.94	28.01	11.1	0.199	1460.7
320	0.00	-0.00	34.96	28.01	11.1	0.200	1460.7
330	0.00	-0.00	34.96	28.01	11.1	0.201	1460.7
340	0.00	-0.00	34.96	28.01	11.1	0.202	1460.7
350	0.00	-0.00	34.96	28.01	11.1	0.203	1460.7
360	0.00	-0.00	34.96	28.01	11.1	0.204	1460.7
370	0.00	-0.00	34.96	28.01	11.1	0.205	1460.7
380	0.00	-0.00	34.96	28.01	11.1	0.206	1460.7
390	0.00	-0.00	34.96	28.01	11.1	0.207	1460.7
400	0.00	-0.00	34.96	28.01	11.1	0.208	1460.7
410	0.00	-0.00	34.96	28.01	11.1	0.209	1460.7
420	0.00	-0.00	34.96	28.01	11.1	0.2	




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FRAM 3 STATION 14(1) CTU 9/APR/1981 1146 GMT CUDE = 5
LAT = 83.2018N LNG = 9.4672E LTER = 30. LGEM = 30.
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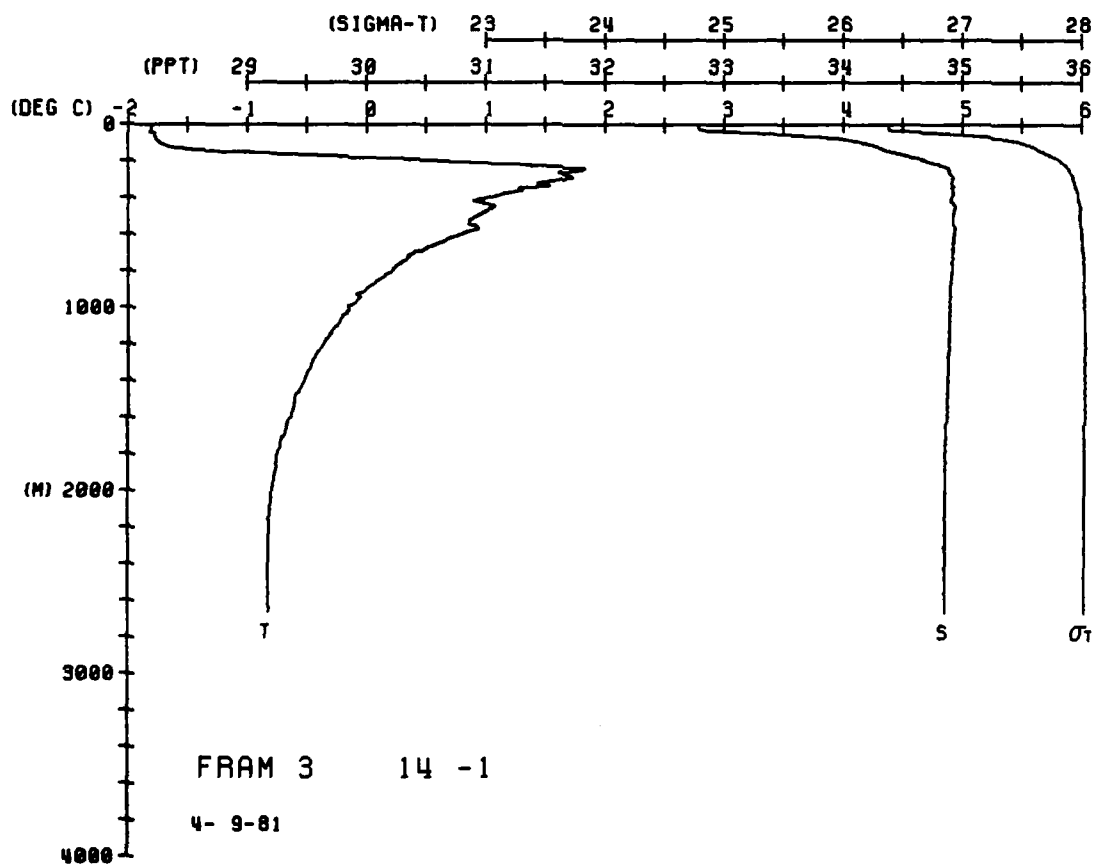
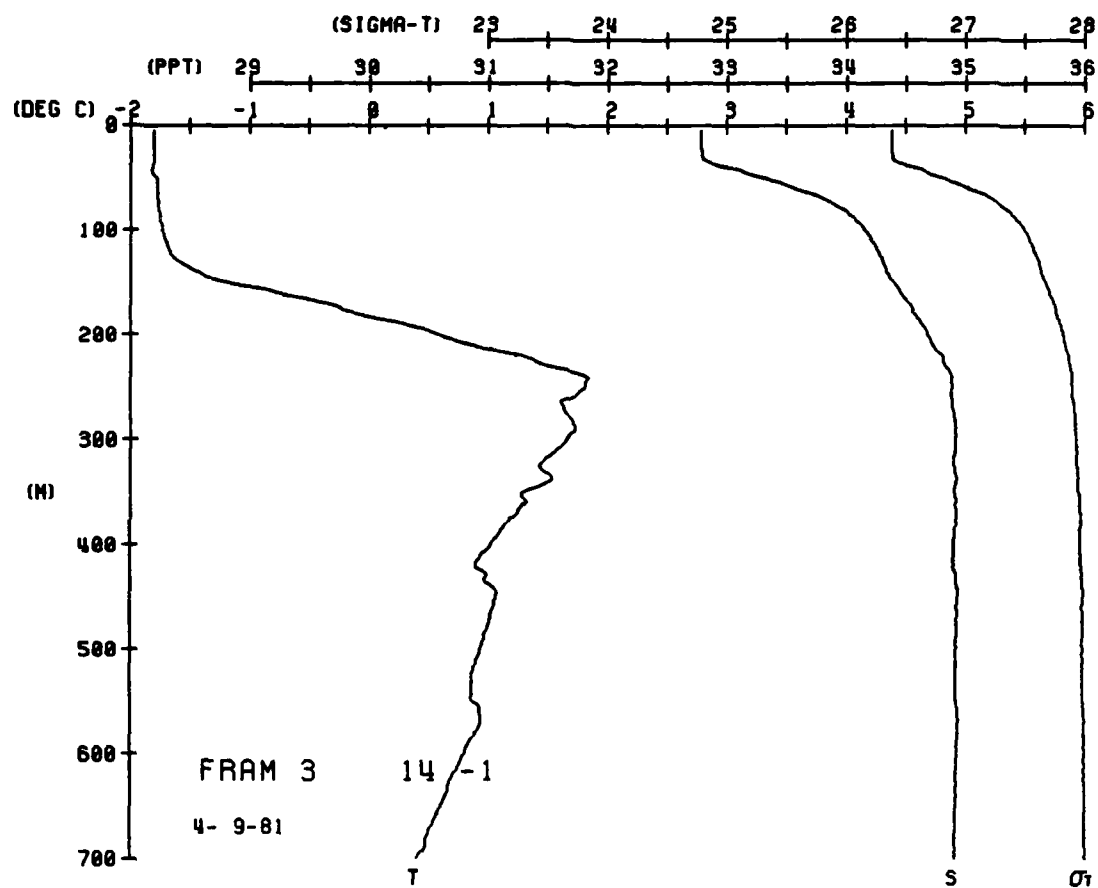
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	80	80	32.70	22.28	9.1	0.0	1462.70
1	80	80	32.70	22.28	8.8	0.0	1463.0
2	80	80	32.70	22.28	8.5	0.0	1463.3
3	80	80	32.70	22.28	8.2	0.0	1463.6
4	80	80	32.70	22.28	7.9	0.0	1463.9
5	80	80	32.70	22.28	7.6	0.0	1464.2
6	80	80	32.70	22.28	7.3	0.0	1464.5
7	80	80	32.70	22.28	7.0	0.0	1464.8
8	80	80	32.70	22.28	6.7	0.0	1465.1
9	80	80	32.70	22.28	6.4	0.0	1465.4
10	80	80	32.70	22.28	6.1	0.0	1465.7
11	80	80	32.70	22.28	5.8	0.0	1466.0
12	80	80	32.70	22.28	5.5	0.0	1466.3
13	80	80	32.70	22.28	5.2	0.0	1466.6
14	80	80	32.70	22.28	4.9	0.0	1466.9
15	80	80	32.70	22.28	4.6	0.0	1467.2
16	80	80	32.70	22.28	4.3	0.0	1467.5
17	80	80	32.70	22.28	4.0	0.0	1467.8
18	80	80	32.70	22.28	3.7	0.0	1468.1
19	80	80	32.70	22.28	3.4	0.0	1468.4
20	80	80	32.70	22.28	3.1	0.0	1468.7
21	80	80	32.70	22.28	2.8	0.0	1469.0
22	80	80	32.70	22.28	2.5	0.0	1469.3
23	80	80	32.70	22.28	2.2	0.0	1469.6
24	80	80	32.70	22.28	1.9	0.0	1469.9
25	80	80	32.70	22.28	1.6	0.0	1470.2
26	80	80	32.70	22.28	1.3	0.0	1470.5
27	80	80	32.70	22.28	1.0	0.0	1470.8
28	80	80	32.70	22.28	0.7	0.0	1471.1
29	80	80	32.70	22.28	0.4	0.0	1471.4
30	80	80	32.70	22.28	0.1	0.0	1471.7
31	80	80	32.70	22.28	0.0	0.0	1472.0
32	80	80	32.70	22.28	0.0	0.0	1472.3
33	80	80	32.70	22.28	0.0	0.0	1472.6
34	80	80	32.70	22.28	0.0	0.0	1472.9
35	80	80	32.70	22.28	0.0	0.0	1473.2
36	80	80	32.70	22.28	0.0	0.0	1473.5
37	80	80	32.70	22.28	0.0	0.0	1473.8
38	80	80	32.70	22.28	0.0	0.0	1474.1
39	80	80	32.70	22.28	0.0	0.0	1474.4
40	80	80	32.70	22.28	0.0	0.0	1474.7
41	80	80	32.70	22.28	0.0	0.0	1475.0
42	80	80	32.70	22.28	0.0	0.0	1475.3
43	80	80	32.70	22.28	0.0	0.0	1475.6
44	80	80	32.70	22.28	0.0	0.0	1475.9
45	80	80	32.70	22.28	0.0	0.0	1476.2
46	80	80	32.70	22.28	0.0	0.0	1476.5
47	80	80	32.70	22.28	0.0	0.0	1476.8
48	80	80	32.70	22.28	0.0	0.0	1477.1
49	80	80	32.70	22.28	0.0	0.0	1477.4
50	80	80	32.70	22.28	0.0	0.0	1477.7
51	80	80	32.70	22.28	0.0	0.0	1478.0
52	80	80	32.70	22.28	0.0	0.0	1478.3
53	80	80	32.70	22.28	0.0	0.0	1478.6
54	80	80	32.70	22.28	0.0	0.0	1478.9
55	80	80	32.70	22.28	0.0	0.0	1479.2
56	80	80	32.70	22.28	0.0	0.0	1479.5
57	80	80	32.70	22.28	0.0	0.0	1479.8
58	80	80	32.70	22.28	0.0	0.0	1480.1
59	80	80	32.70	22.28	0.0	0.0	1480.4
60	80	80	32.70	22.28	0.0	0.0	1480.7
61	80	80	32.70	22.28	0.0	0.0	1481.0
62	80	80	32.70	22.28	0.0	0.0	1481.3
63	80	80	32.70	22.28	0.0	0.0	1481.6
64	80	80	32.70	22.28	0.0	0.0	1481.9
65	80	80	32.70	22.28	0.0	0.0	1482.2
66	80	80	32.70	22.28	0.0	0.0	1482.5
67	80	80	32.70	22.28	0.0	0.0	1482.8
68	80	80	32.70	22.28	0.0	0.0	1483.1
69	80	80	32.70	22.28	0.0	0.0	1483.4
70	80	80	32.70	22.28	0.0	0.0	1483.7
71	80	80	32.70	22.28	0.0	0.0	1484.0
72	80	80	32.70	22.28	0.0	0.0	1484.3
73	80	80	32.70	22.28	0.0	0.0	1484.6
74	80	80	32.70	22.28	0.0	0.0	1484.9
75	80	80	32.70	22.28	0.0	0.0	1485.2
76	80	80	32.70	22.28	0.0	0.0	1485.5
77	80	80	32.70	22.28	0.0	0.0	1485.8
78	80	80	32.70	22.28	0.0	0.0	1486.1
79	80	80	32.70	22.28	0.0	0.0	1486.4
80	80	80	32.70	22.28	0.0	0.0	1486.7
81	80	80	32.70	22.28	0.0	0.0	1487.0
82	80	80	32.70	22.28	0.0	0.0	1487.3
83	80	80	32.70	22.28	0.0	0.0	1487.6
84	80	80	32.70	22.28	0.0	0.0	1487.9
85	80	80	32.70	22.28	0.0	0.0	1488.2
86	80	80	32.70	22.28	0.0	0.0	1488.5
87	80	80	32.70	22.28	0.0	0.0	1488.8
88	80	80	32.70	22.28	0.0	0.0	1489.1
89	80	80	32.70	22.28	0.0	0.0	1489.4
90	80	80	32.70	22.28	0.0	0.0	1489.7
91	80	80	32.70	22.28	0.0	0.0	1490.0
92	80	80	32.70	22.28	0.0	0.0	1490.3
93	80	80	32.70	22.28	0.0	0.0	1490.6
94	80	80	32.70	22.28	0.0	0.0	1490.9
95	80	80	32.70	22.28	0.0	0.0	1491.2
96	80	80	32.70	22.28	0.0	0.0	1491.5
97	80	80	32.70	22.28	0.0	0.0	1491.8
98	80	80	32.70	22.28	0.0	0.0	1492.1
99	80	80	32.70	22.28	0.0	0.0	1492.4
100	80	80	32.70	22.28	0.0	0.0	1492.7



FRAM 3 STATION 16(1) CTD 10/APR/1981 1020 GMT CODE = 5
LAT = 83.2750N LNG = 8.6357E LTER = 30 UGER = 30.0
AIR TEMP = 0.0 HAKUM = 0.0 WIND = 0.0 SPEED = 0.0

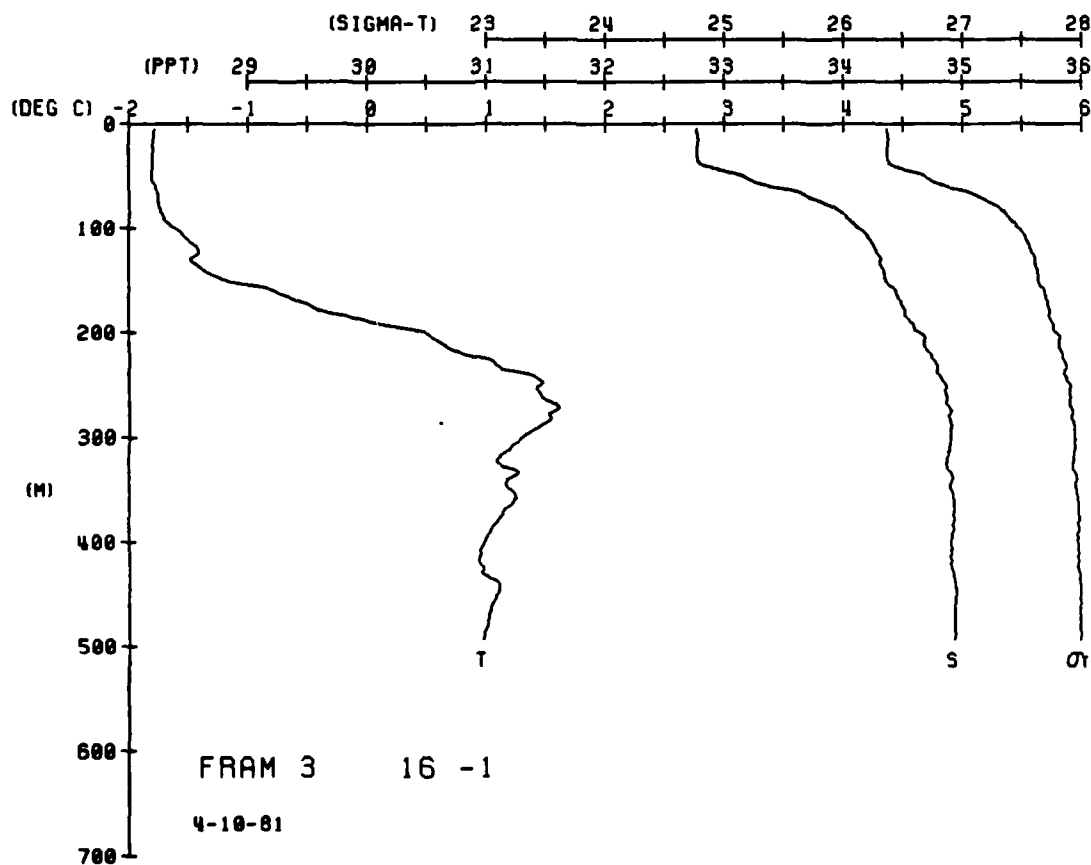
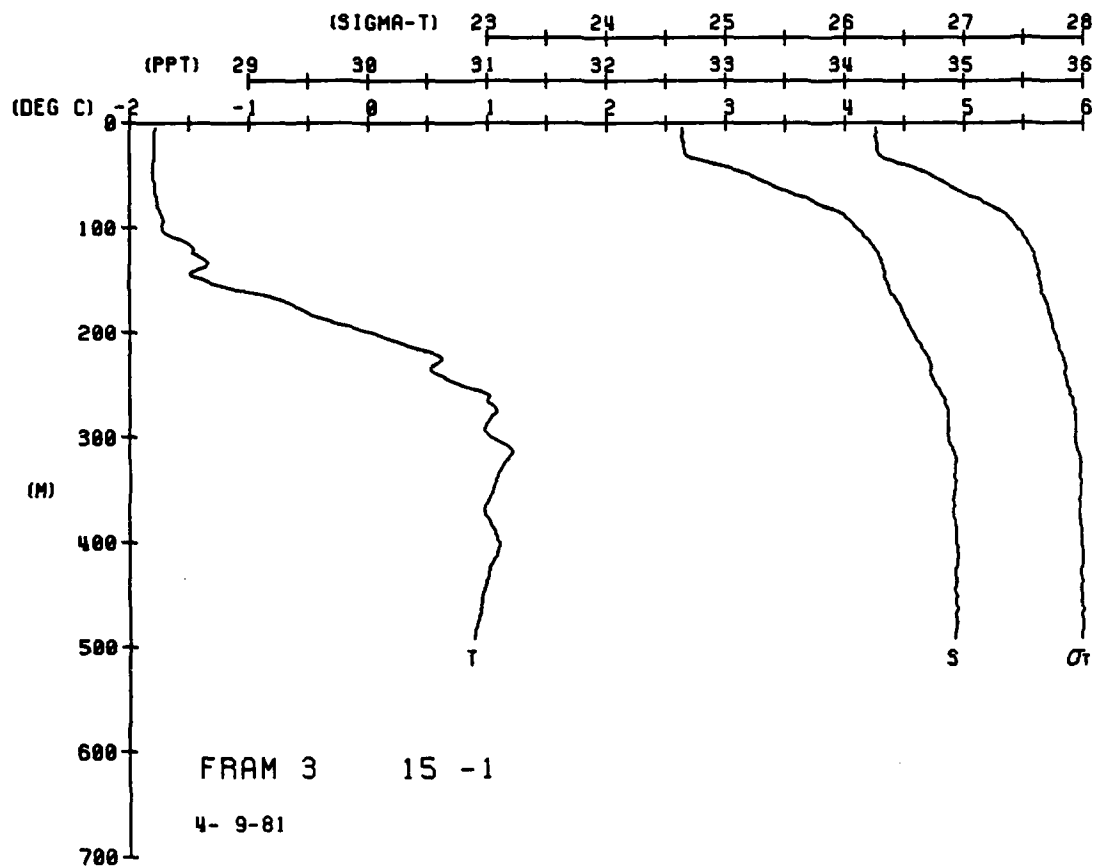
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SUUND
0	77	-1.77	32.63	26.26	175.4	0.000	1437.8
5	77	-1.78	32.64	26.27	174.9	0.007	1437.8
10	77	-1.79	32.65	26.27	174.3	0.019	1437.9
15	77	-1.79	32.66	26.28	173.4	0.025	1438.0
20	77	-1.79	32.67	26.29	172.1	0.043	1438.2
25	77	-1.79	32.70	26.30	170.6	0.061	1438.4
30	77	-1.80	32.74	26.30	168.8	0.077	1438.7
35	77	-1.80	33.21	26.34	168.0	0.083	1439.2
40	77	-1.80	33.33	26.36	167.3	0.090	1439.0
45	77	-1.80	33.33	26.36	167.3	0.096	1440.0
50	77	-1.79	33.33	26.36	167.3	0.096	1440.3
55	77	-1.78	33.33	27.09	168.2	0.107	1440.8
60	77	-1.77	33.33	27.17	168.2	0.116	1440.2
65	77	-1.76	33.33	27.23	167.7	0.120	1441.4
70	77	-1.74	33.33	27.33	166.4	0.123	1441.4
75	77	-1.72	33.33	27.42	165.5	0.130	1441.7
80	77	-1.72	33.33	27.45	164.5	0.136	1442.5
85	77	-1.67	33.33	27.51	161.4	0.141	1444.3
90	77	-1.42	33.33	27.63	157.3	0.151	1444.1
95	77	-1.38	34.34	27.77	143.2	0.159	1444.6
100	77	-1.36	34.35	27.66	141.7	0.167	1449.1
105	77	-1.36	34.44	27.72	138.9	0.171	1450.5
110	77	-1.36	34.45	27.77	136.8	0.177	1452.3
115	77	-1.36	34.45	27.80	135.2	0.177	1453.2
120	77	-1.36	34.45	27.82	134.4	0.183	1455.1
125	77	-1.36	34.73	27.86	132.0	0.183	1455.1
130	77	-1.36	34.73	27.85	129.4	0.187	1455.6
135	77	-1.36	34.77	27.80	127.9	0.190	1456.7
140	77	-1.36	34.86	27.90	126.3	0.191	1458.0
145	77	-1.36	34.87	27.93	124.6	0.193	1458.5
150	77	-1.36	34.87	27.94	122.2	0.196	1458.8
155	77	-1.36	34.87	27.94	120.6	0.199	1459.8
160	77	-1.36	34.94	27.98	118.1	0.201	1459.7
165	77	-1.36	34.93	27.98	116.2	0.202	1459.7
170	77	-1.36	34.93	27.98	114.3	0.205	1459.7
175	77	-1.36	34.93	27.98	112.3	0.207	1459.7
180	77	-1.36	34.93	27.98	110.2	0.207	1460.0
185	77	-1.36	34.93	27.99	108.8	0.208	1460.9
190	77	-1.36	34.94	27.99	107.0	0.210	1461.0
195	77	-1.36	34.95	28.00	105.2	0.211	1461.0
200	77	-1.36	34.95	27.99	103.4	0.213	1461.0
205	77	-1.36	34.95	27.99	101.7	0.215	1461.1
210	77	-1.36	34.95	28.00	100.1	0.215	1461.1
215	77	-1.36	34.95	28.00	98.5	0.216	1461.1
220	77	-1.36	34.95	28.00	97.0	0.219	1461.1
225	77	-1.36	34.94	27.99	95.4	0.220	1461.1
230	77	-1.36	34.94	27.99	93.8	0.220	1461.1
235	77	-1.36	34.94	27.99	92.2	0.220	1461.1
240	77	-1.36	34.94	27.99	90.6	0.220	1461.1
245	77	-1.36	34.94	27.99	89.0	0.220	1461.1
250	77	-1.36	34.94	27.99	8		

[illegible]



FRAM 3 STATION 17(1) CTU 10/APR/1981 1649 GMT CUDE = 5
LAT = 83.2573N LNG = 8.4207E ITEM = 30
AIR TEMP = 0.0 BAKUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYRHT	SOUND	DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYRHT	SOUND
0	80	-1.80	32.80	26.39	162.5	0.000	1437.9	710.0	0.52	0.49	34.93	28.02	9.4	0.229	1463.4
5	80	-1.81	32.80	26.39	162.5	0.008	1437.9	740.0	0.41	0.38	34.92	28.02	8.8	0.232	1463.4
10	80	-1.81	32.80	26.39	162.5	0.015	1438.0	790.0	0.27	0.24	34.92	28.03	8.2	0.237	1463.6
15	80	-1.81	32.80	26.39	162.5	0.033	1438.0	840.0	0.17	0.13	34.91	28.03	7.4	0.244	1463.9
20	80	-1.81	32.80	26.39	162.5	0.051	1438.0	890.0	0.05	-0.01	34.90	28.03	7.0	0.248	1464.2
25	80	-1.81	32.80	26.39	162.5	0.069	1438.0	940.0	0.15	-0.03	34.90	28.03	6.4	0.251	1464.6
30	80	-1.80	32.80	26.39	162.5	0.087	1438.0	990.0	0.15	-0.03	34.90	28.04	5.7	0.257	1465.0
35	80	-1.80	32.80	26.39	162.5	0.105	1438.0	1040.0	0.22	-0.03	34.90	28.04	5.5	0.260	1465.3
40	80	-1.78	32.80	26.39	162.5	0.123	1438.0	1090.0	0.34	-0.03	34.90	28.04	5.5	0.263	1465.5
45	80	-1.77	32.80	26.39	162.5	0.141	1438.0	1140.0	0.39	-0.04	34.89	28.04	4.8	0.268	1465.8
50	80	-1.77	32.80	26.39	162.5	0.159	1438.0	1190.0	0.43	-0.04	34.89	28.04	4.5	0.270	1466.1
55	80	-1.77	32.80	26.39	162.5	0.177	1438.0	1240.0	0.50	-0.05	34.89	28.04	4.2	0.272	1466.4
60	80	-1.77	32.80	26.39	162.5	0.195	1438.0	1290.0	0.54	-0.05	34.89	28.04	3.9	0.274	1466.8
65	80	-1.77	32.80	26.39	162.5	0.213	1438.0	1340.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
70	80	-1.76	32.80	26.39	162.5	0.231	1438.0	1390.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
75	80	-1.76	32.80	26.39	162.5	0.249	1438.0	1440.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
80	80	-1.75	32.80	26.39	162.5	0.267	1438.0	1490.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
85	80	-1.75	32.80	26.39	162.5	0.285	1438.0	1540.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
90	80	-1.75	32.80	26.39	162.5	0.303	1438.0	1590.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
95	80	-1.75	32.80	26.39	162.5	0.321	1438.0	1640.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
100	80	-1.75	32.80	26.39	162.5	0.339	1438.0	1690.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
105	80	-1.75	32.80	26.39	162.5	0.357	1438.0	1740.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
110	80	-1.75	32.80	26.39	162.5	0.375	1438.0	1790.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
115	80	-1.75	32.80	26.39	162.5	0.393	1438.0	1840.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
120	80	-1.75	32.80	26.39	162.5	0.411	1438.0	1890.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
125	80	-1.75	32.80	26.39	162.5	0.429	1438.0	1940.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
130	80	-1.75	32.80	26.39	162.5	0.447	1438.0	1990.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
135	80	-1.75	32.80	26.39	162.5	0.465	1438.0	2040.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
140	80	-1.75	32.80	26.39	162.5	0.483	1438.0	2090.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
145	80	-1.75	32.80	26.39	162.5	0.501	1438.0	2140.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
150	80	-1.75	32.80	26.39	162.5	0.519	1438.0	2190.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
155	80	-1.75	32.80	26.39	162.5	0.537	1438.0	2240.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
160	80	-1.75	32.80	26.39	162.5	0.555	1438.0	2290.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
165	80	-1.75	32.80	26.39	162.5	0.573	1438.0	2340.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
170	80	-1.75	32.80	26.39	162.5	0.591	1438.0	2390.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
175	80	-1.75	32.80	26.39	162.5	0.609	1438.0	2440.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
180	80	-1.75	32.80	26.39	162.5	0.627	1438.0	2490.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
185	80	-1.75	32.80	26.39	162.5	0.645	1438.0	2540.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
190	80	-1.75	32.80	26.39	162.5	0.663	1438.0	2590.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
195	80	-1.75	32.80	26.39	162.5	0.681	1438.0	2640.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
200	80	-1.75	32.80	26.39	162.5	0.699	1438.0	2690.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
205	80	-1.75	32.80	26.39	162.5	0.717	1438.0	2740.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
210	80	-1.75	32.80	26.39	162.5	0.735	1438.0	2790.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
215	80	-1.75	32.80	26.39	162.5	0.753	1438.0	2840.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
220	80	-1.75	32.80	26.39	162.5	0.771	1438.0	2890.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
225	80	-1.75	32.80	26.39	162.5	0.789	1438.0	2940.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
230	80	-1.75	32.80	26.39	162.5	0.807	1438.0	2990.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
235	80	-1.75	32.80	26.39	162.5	0.825	1438.0	3040.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
240	80	-1.75	32.80	26.39	162.5	0.843	1438.0	3090.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
245	80	-1.75	32.80	26.39	162.5	0.861	1438.0	3140.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
250	80	-1.75	32.80	26.39	162.5	0.879	1438.0	3190.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
255	80	-1.75	32.80	26.39	162.5	0.897	1438.0	3240.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
260	80	-1.75	32.80	26.39	162.5	0.915	1438.0	3290.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
265	80	-1.75	32.80	26.39	162.5	0.933	1438.0	3340.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
270	80	-1.75	32.80	26.39	162.5	0.951	1438.0	3390.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
275	80	-1.75	32.80	26.39	162.5	0.969	1438.0	3440.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
280	80	-1.75	32.80	26.39	162.5	0.987	1438.0	3490.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
285	80	-1.75	32.80	26.39	162.5	1.005	1438.0	3540.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
290	80	-1.75	32.80	26.39	162.5	1.023	1438.0	3590.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
295	80	-1.75	32.80	26.39	162.5	1.041	1438.0	3640.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
300	80	-1.75	32.80	26.39	162.5	1.059	1438.0	3690.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
305	80	-1.75	32.80	26.39	162.5	1.077	1438.0	3740.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
310	80	-1.75	32.80	26.39	162.5	1.095	1438.0	3790.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
315	80	-1.75	32.80	26.39	162.5	1.113	1438.0	3840.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
320	80	-1.75	32.80	26.39	162.5	1.131	1438.0	3890.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
325	80	-1.75	32.80	26.39	162.5	1.149	1438.0	3940.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
330	80	-1.75	32.80	26.39	162.5	1.167	1438.0	3990.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
335	80	-1.75	32.80	26.39	162.5	1.185	1438.0	4040.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
340	80	-1.75	32.80	26.39	162.5	1.203	1438.0	4090.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
345	80	-1.75	32.80	26.39	162.5	1.221	1438.0	4140.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
350	80	-1.75	32.80	26.39	162.5	1.239	1438.0	4190.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
355	80	-1.75	32.80	26.39	162.5	1.257	1438.0	4240.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
360	80	-1.75	32.80	26.39	162.5	1.275	1438.0	4290.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
365	80	-1.75	32.80	26.39	162.5	1.293	1438.0	4340.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
370	80	-1.75	32.80	26.39	162.5	1.311	1438.0	4390.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
375	80	-1.75	32.80	26.39	162.5	1.329	1438.0	4440.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
380	80	-1.75	32.80	26.39	162.5	1.347	1438.0	4490.0	0.56	-0.05	34.88	28.04	3.8	0.275	1467.1
385	80	-1.75	32.80	26.39	162.5	1									

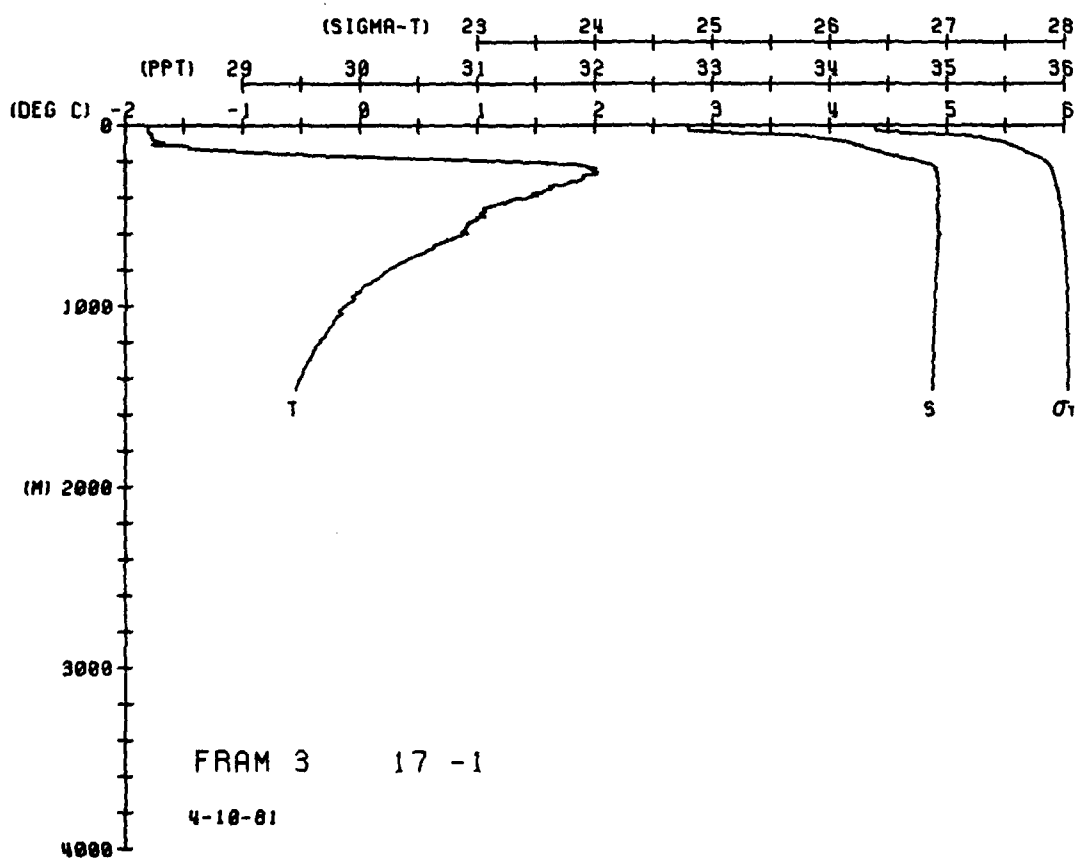
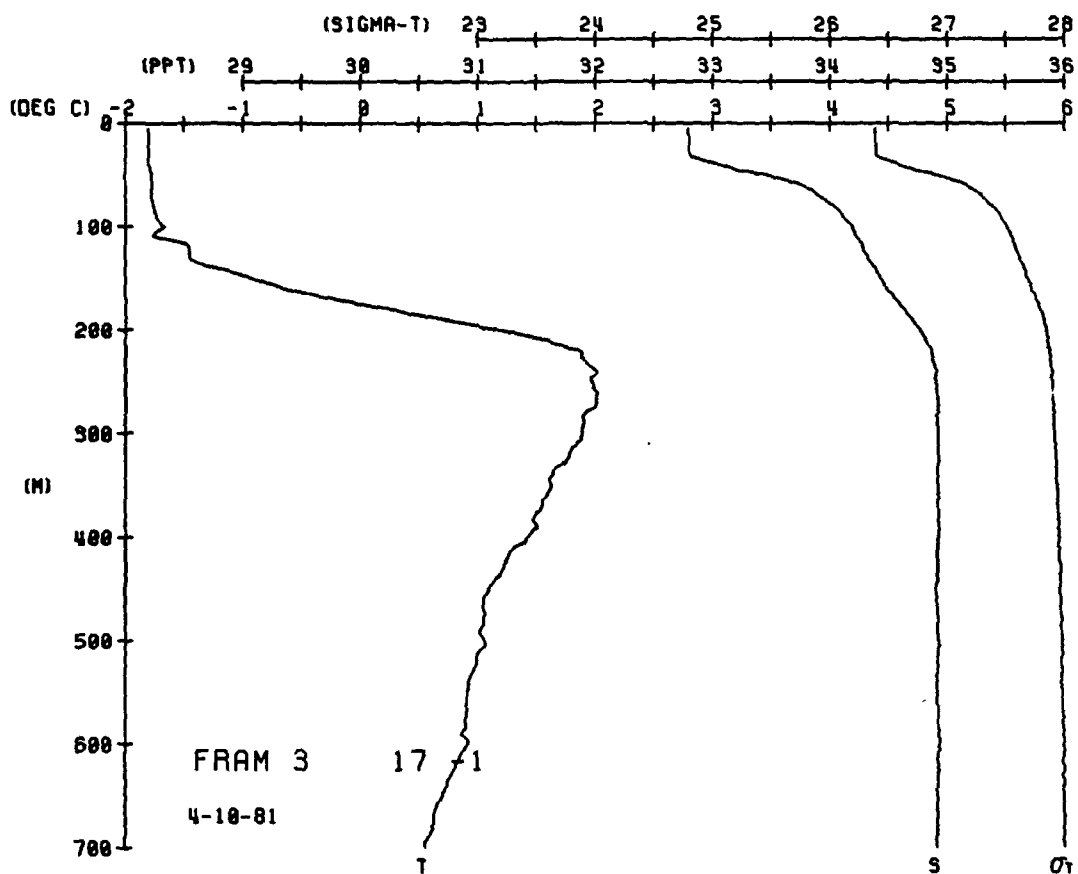


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AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

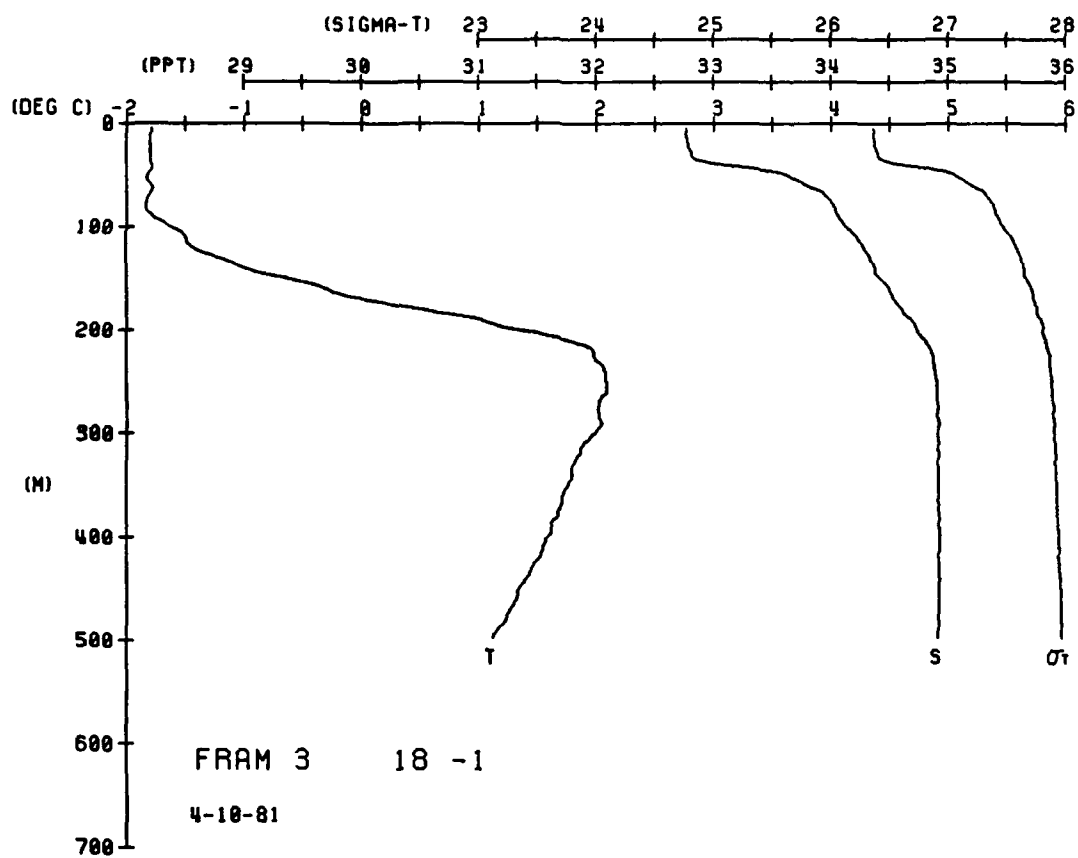
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DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHI	SOUND
0	18.99	1.78	32.76	26.36	165.6	0.000	1437.59
4	18.99	1.78	32.76	26.36	165.6	0.006	1437.59
8	18.99	1.78	32.76	26.36	164.6	0.017	1437.59
12	18.99	1.78	32.76	26.36	163.6	0.023	1437.59
16	18.99	1.78	32.76	26.36	162.6	0.042	1437.59
20	18.99	1.78	32.76	26.36	160.4	0.058	1437.59
24	18.99	1.78	32.76	26.36	158.4	0.065	1437.59
28	18.99	1.78	32.76	26.36	156.4	0.077	1437.59
32	18.99	1.78	32.76	26.36	154.4	0.082	1437.59
36	18.99	1.78	32.76	26.36	152.4	0.086	1437.59
40	18.99	1.78	32.76	26.36	150.4	0.094	1437.59
44	18.99	1.78	32.76	26.36	148.4	0.098	1437.59
48	18.99	1.78	32.76	26.36	146.4	0.104	1437.59
52	18.99	1.78	32.76	26.36	144.4	0.108	1437.59
56	18.99	1.78	32.76	26.36	142.4	0.114	1437.59
60	18.99	1.78	32.76	26.36	140.4	0.125	1437.59
64	18.99	1.78	32.76	26.36	138.4	0.129	1437.59
68	18.99	1.78	32.76	26.36	136.4	0.134	1437.59
72	18.99	1.78	32.76	26.36	134.4	0.142	1437.59
76	18.99	1.78	32.76	26.36	132.4	0.145	1437.59
80	18.99	1.78	32.76	26.36	130.4	0.149	1437.59
84	18.99	1.78	32.76	26.36	128.4	0.154	1437.59
88	18.99	1.78	32.76	26.36	126.4	0.158	1437.59
92	18.99	1.78	32.76	26.36	124.4	0.163	1437.59
96	18.99	1.78	32.76	26.36	122.4	0.165	1437.59
100	18.99	1.78	32.76	26.36	120.4	0.167	1437.59
104	18.99	1.78	32.76	26.36	118.4	0.172	1437.59
108	18.99	1.78	32.76	26.36	116.4	0.174	1437.59
112	18.99	1.78	32.76	26.36	114.4	0.178	1437.59
116	18.99	1.78	32.76	26.36	112.4	0.180	1437.59
120	18.99	1.78	32.76	26.36	110.4	0.182	1437.59
124	18.99	1.78	32.76	26.36	108.4	0.184	1437.59
128	18.99	1.78	32.76	26.36	106.4	0.186	1437.59
132	18.99	1.78	32.76	26.36	104.4	0.187	1437.59
136	18.99	1.78	32.76	26.36	102.4	0.189	1437.59
140	18.99	1.78	32.76	26.36	100.4	0.191	1437.59
144	18.99	1.78	32.76	26.36	98.4	0.193	1437.59
148	18.99	1.78	32.76	26.36	96.4	0.196	1437.59
152	18.99	1.78	32.76	26.36	94.4	0.198	1437.59
156	18.99	1.78	32.76	26.36	92.4	0.200	1437.59
160	18.99	1.78	32.76	26.36	90.4	0.204	1437.59
164	18.99	1.78	32.76	26.36	88.4	0.207	1437.59
168	18.99	1.78	32.76	26.36	86.4	0.209	1437.59
172	18.99	1.78	32.76	26.36	84.4	0.210	1437.59
176	18.99	1.78	32.76	26.36	82.4	0.212	1437.59
180	18.99	1.78	32.76	26.36	80.4	0.214	1437.59
184	18.99	1.78	32.76	26.36	78.4	0.216	1437.59
188	18.99	1.78	32.76	26.36	76.4	0.218	1437.59
192	18.99	1.78					



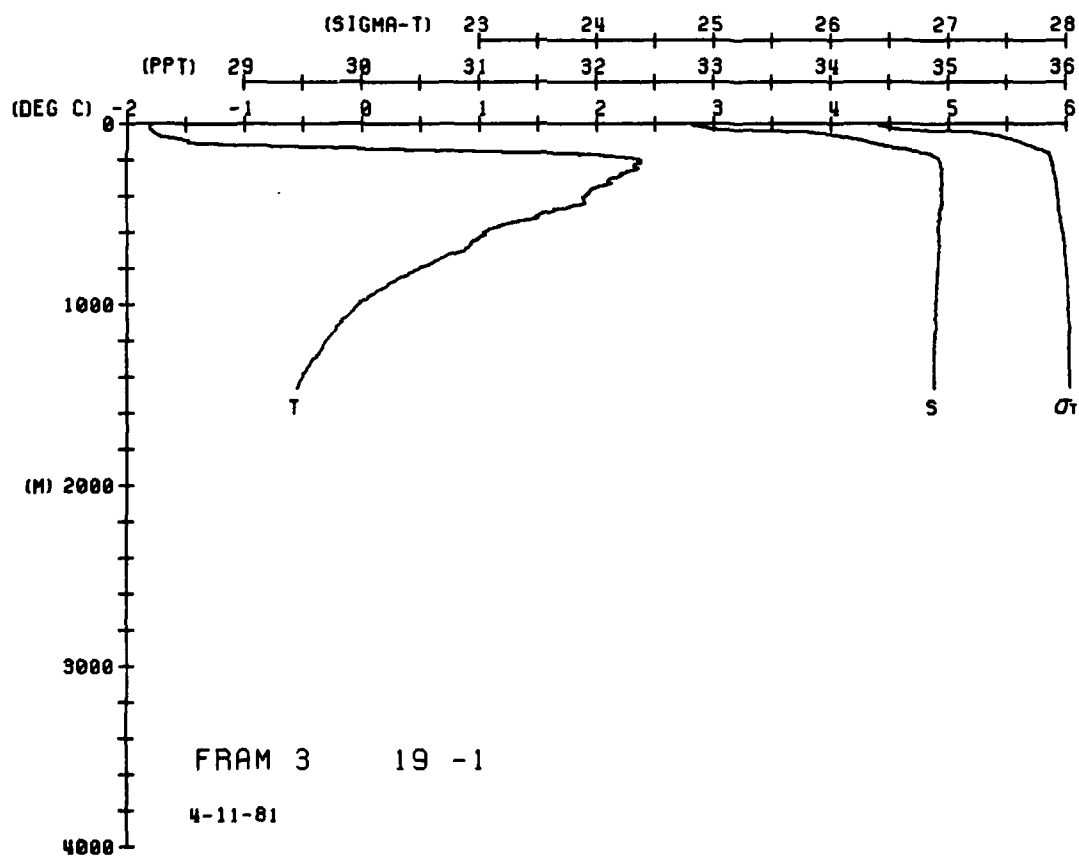
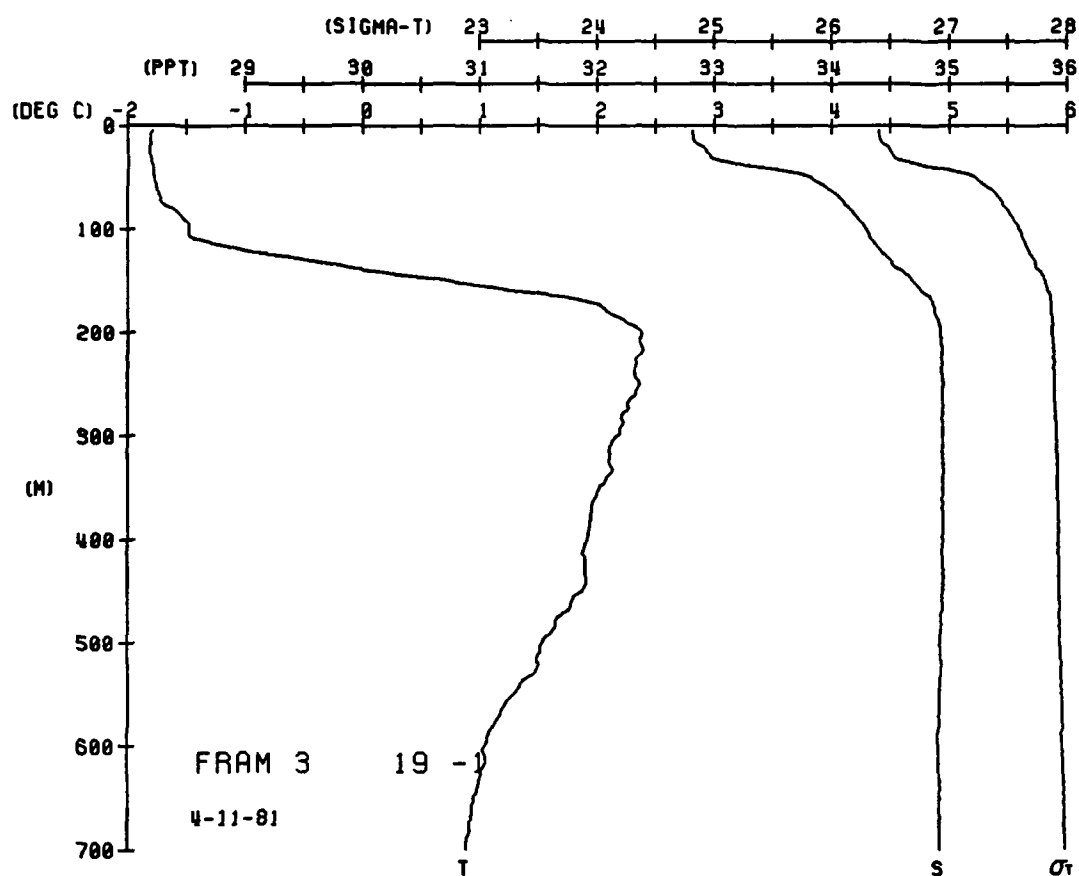
FRAM 3 STATION 19(1) CTD 11/APR/1981 815 GMT CODE = 5
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 AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

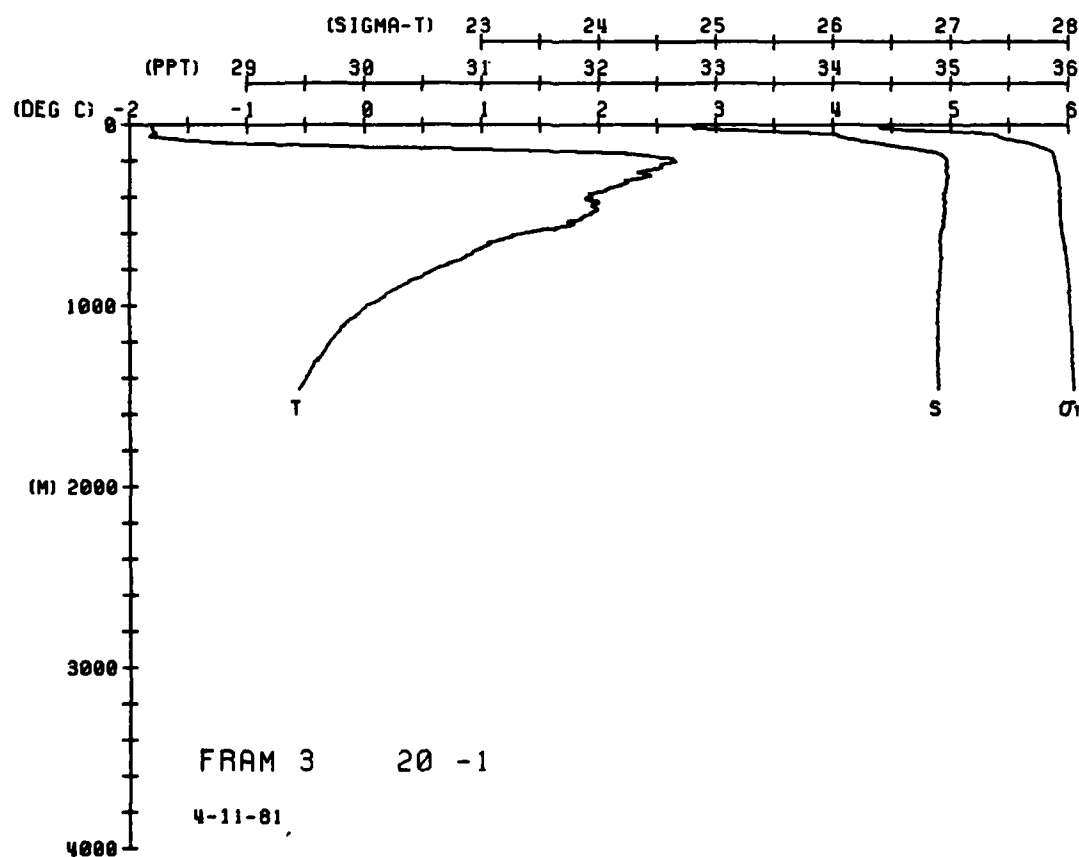
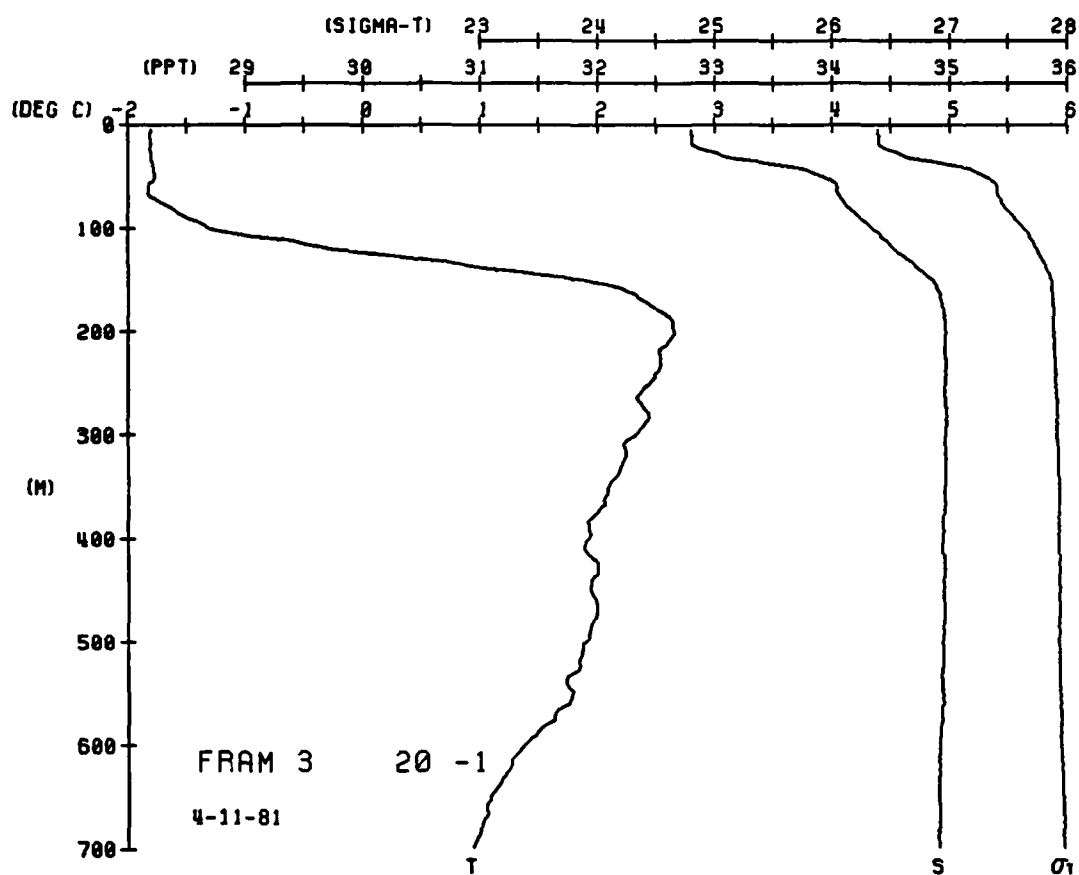
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	1.78	1.78	32.81	26.00	10	0.006	1437.00
5	1.79	1.79	32.82	26.01	11	0.008	1438.00
10	1.80	1.80	32.83	26.02	12	0.010	1439.00
15	1.81	1.81	32.84	26.03	13	0.012	1440.00
20	1.82	1.82	32.85	26.04	14	0.014	1441.00
25	1.83	1.83	32.86	26.05	15	0.016	1442.00
30	1.84	1.84	32.87	26.06	16	0.018	1443.00
35	1.85	1.85	32.88	26.07	17	0.020	1444.00
40	1.86	1.86	32.89	26.08	18	0.022	1445.00
45	1.87	1.87	32.90	26.09	19	0.024	1446.00
50	1.88	1.88	32.91	26.10	20	0.026	1447.00
55	1.89	1.89	32.92	26.11	21	0.028	1448.00
60	1.90	1.90	32.93	26.12	22	0.030	1449.00
65	1.91	1.91	32.94	26.13	23	0.032	1450.00
70	1.92	1.92	32.95	26.14	24	0.034	1451.00
75	1.93	1.93	32.96	26.15	25	0.036	1452.00
80	1.94	1.94	32.97	26.16	26	0.038	1453.00
85	1.95	1.95	32.98	26.17	27	0.040	1454.00
90	1.96	1.96	32.99	26.18	28	0.042	1455.00
95	1.97	1.97	33.00	26.19	29	0.044	1456.00
100	1.98	1.98	33.01	26.20	30	0.046	1457.00
105	1.99	1.99	33.02	26.21	31	0.048	1458.00
110	2.00	2.00	33.03	26.22	32	0.050	1459.00
115	2.01	2.01	33.04	26.23	33	0.052	1460.00
120	2.02	2.02	33.05	26.24	34	0.054	1461.00
125	2.03	2.03	33.06	26.25	35	0.056	1462.00
130	2.04	2.04	33.07	26.26	36	0.058	1463.00
135	2.05	2.05	33.08	26.27	37	0.060	1464.00
140	2.06	2.06	33.09	26.28	38	0.062	1465.00
145	2.07	2.07	33.10	26.29	39	0.064	1466.00
150	2.08	2.08	33.11	26.30	40	0.066	1467.00
155	2.09	2.09	33.12	26.31	41	0.068	1468.00
160	2.10	2.10	33.13	26.32	42	0.070	1469.00
165	2.11	2.11	33.14	26.33	43	0.072	1470.00
170	2.12	2.12	33.15	26.34	44	0.074	1471.00
175	2.13	2.13	33.16	26.35	45	0.076	1472.00
180	2.14	2.14	33.17	26.36	46	0.078	1473.00
185	2.15	2.15	33.18	26.37	47	0.080	1474.00
190	2.16	2.16	33.19	26.38	48	0.082	1475.00
195	2.17	2.17	33.20	26.39	49	0.084	1476.00
200	2.18	2.18	33.21	26.40	50	0.086	1477.00
205	2.19	2.19	33.22	26.41	51	0.088	1478.00
210	2.20	2.20	33.23	26.42	52	0.090	1479.00
215	2.21	2.21	33.24	26.43	53	0.092	1480.00
220	2.22	2.22	33.25	26.44	54	0.094	1481.00
225	2.23	2.23	33.26	26.45	55	0.096	1482.00
230	2.24	2.24	33.27	26.46	56	0.098	1483.00
235	2.25	2.25	33.28	26.47	57	0.100	1484.00
240	2.26	2.26	33.29	26.48	58	0.102	1485.00
245	2.27	2.27	33.30	26.49	59	0.104	1486.00
250	2.28	2.28	33.31	26.50	60	0.106	1487.00
255	2.29	2.29	33.32	26.51	61	0.108	1488.00
260	2.30	2.30	33.33	26.52	62	0.110	1489.00
265	2.31	2.31	33.34	26.53	63	0.112	1490.00
270	2.32	2.32	33.35	26.54	64	0.114	1491.00
275	2.33	2.33	33.36	26.55	65	0.116	1492.00
280	2.34	2.34	33.37	26.56	66	0.118	1493.00
285	2.35	2.35	33.38	26.57	67	0.120	1494.00
290	2.36	2.36	33.39	26.58	68	0.122	1495.00
295	2.37	2.37	33.40	26.59	69	0.124	1496.00
300	2.38	2.38	33.41	26.60	70	0.126	1497.00
305	2.39	2.39	33.42	26.61	71	0.128	1498.00
310	2.40	2.40	33.43	26.62	72	0.130	1499.00
315	2.41	2.41	33.44	26.63	73	0.132	1500.00
320	2.42	2.42	33.45	26.64	74	0.134	1501.00
325	2.43	2.43	33.46	26.65	75	0.136	1502.00
330	2.44	2.44	33.47	26.66	76	0.138	1503.00
335	2.45	2.45	33.48	26.67	77	0.140	1504.00
340	2.46	2.46	33.49	26.68	78	0.142	1505.00
345	2.47	2.47	33.50	26.69	79	0.144	1506.00
350	2.48	2.48	33.51	26.70	80	0.146	1507.00
355	2.49	2.49	33.52	26.71	81	0.148	1508.00
360	2.50	2.50	33.53	26.72	82	0.150	1509.00
365	2.51	2.51	33.54	26.73	83	0.152	1510.00
370	2.52	2.52	33.55	26.74	84	0.154	1511.00
375	2.53	2.53	33.56	26.75	85	0.156	1512.00
380	2.54	2.54	33.57	26.76	86	0.158	1513.00
385	2.55	2.55	33.58	26.77	87	0.160	1514.00
390	2.56	2.56	33.59	26.78	88	0.162	1515.00
395	2.57	2.57	33.60	26.79	89	0.164	1516.00
400	2.58	2.58	33.61	26.80	90	0.166	1517.00
405	2.59	2.59	33.62	26.81	91	0.168	1518.00
410	2.60	2.60	33.63	26.82	92	0.170	1519.00
415	2.61	2.61	33.64	26.83	93	0.172	1520.00
420	2.62	2.62	33.65	26.84	94	0.174	1521.00
425	2.63	2.63	33.66	26.85	95	0.176	1522.00
430	2.64	2.64	33.67	26.86	96	0.178	1523.00
435	2.65	2.65	33.68	26.87	97	0.180	1524.00
440	2.66	2.66	33.69	26.88	98	0.182	1525.00
445	2.67	2.67	33.70	26.89	99	0.184	1526.00
450	2.68	2.68	33.71	26.90	100	0.186	1527.00
455	2.69	2.69	33.72	26.91	101	0.188	1528.00
460	2.70	2.70	33.73	26.92	102	0.190	1529.00
465	2.71	2.71	33.74	26.93	103	0.192	1530.00
470	2.72	2.72	33.75	26.94	104	0.194	1531.00
475	2.73	2.73	33.76	26.95	105	0.196	1532.00
480	2.74	2.74	33.77	26.96	106	0.198	1533.00
485	2.75	2.75	33.78	26.97	107	0.200	1534.00
490	2.76	2.76	33.79	26.98	108	0.202	1535.00
495	2.77	2.77	33.80	26.99	109	0.204	1536.00
500	2.78	2.78	33.81	27.00	110	0.206	1537.00
505	2.79	2.79	33.82	27.01	111	0.208	1538.00
510	2.80	2.80	33.83	27.02	112	0.210	1539.00
515	2.81	2.81	33.84	27.03	113	0.212	1540.00
520	2.82	2.82	33.85	27.04	114	0.214	1541.00
525	2.83	2.83	33.86	27.05	115	0.216	1542.00
530	2.84	2.84	33.87	27.06	116	0.218	1543.00
535	2.85	2.85	33.88	27.07	117	0.220	1544.00
540	2.86	2.86	33.89	27.08	118	0.222	1545.00
545	2.87	2.87	33.90	27.09	119	0.224	1546.00
550	2.88	2.88	33.91	27.10	120	0.226	1547.00
555	2.89	2.89	33.92	27.11	121	0.228	1548.00
560	2.90	2.90	33.93	27.12	122	0.230	1549.00
565	2.91	2.91	33.94	27.13	123	0.232	1550.00
570	2.92	2.92	33.95	27.14	124	0.234	1551.00
575	2.93	2.93	33.96	27.15	125	0.236	1552.00
580	2.94	2.94	33.97	27.16	126	0.238	1553.00
585	2.95	2.95	33.98	27.17	127	0.240	1554.00
590	2.96	2.96	33.99	27.18	128	0.242	1555.00
595	2.97	2.97	34.00	27.19	129	0.244	1556.00
600	2.98	2.98	34.01	27.20	130	0.246	1557.00
605	2.99	2.99	34.02	27.21	131	0.248	1558.00
610	3.00	3.00	34.03	27.22	132	0.250	1559.00
615	3.01	3.01	34.04	27.23	133	0.252	1560.00
620	3.02	3.02	34.05	27.24	134	0.254	1561.00
625	3.03	3.03	34.06	27.25	135	0.256	1562.00
630	3.04	3.04	34.07	27.26	136	0.258	1563.00
635	3.05	3.05	34.08	27.27	137	0.260	1564.00
640	3.06	3.06	34.09	27.28	138	0.262	1565.00
645	3.07	3.07	34.10	27.29	139	0.264	1566.00
650	3.08	3.08	34.11	27.30	140	0.266	1567.00
655	3.09	3.09	34.12	27.31	141	0.268	1568.00
660	3.10	3.10	34.13	27.32	142	0.270	1569.00
665	3.11	3.11	34.14	27.33	143	0.272	1570.00
670	3.12	3.12	34.15	27.34	144	0.274	1571.00
675	3.13	3.13	34.16	27.35	145	0.276	1572.00
680	3.14	3.14	34.17	27.36	146	0.278	1573.00
685	3.15	3.15	34.18	27.37	147	0.280	1574.00
690	3.16	3.16	34.19	27.38	148	0.282	1575.00
695	3.17	3.17	34.20	27.39	149	0.284	1576.00
700	3.18	3.18	34.21	27.40	150	0.286	1577.00
705	3.19	3.19	34.22	27.41	151	0.288	1578.00
710	3.20	3.20	34.23	27.42	152	0.290	1579.00
715	3.21	3.21	34.24	27.43	153	0.292	1580.00
720	3.22	3.22	34.25	27.44	154	0.294	1581.00
725	3.23	3.23	34.26	27.45	155	0.296	1582.00
730	3.24	3.24	34.27	27.46	156	0.298	1583.00
735	3.25	3.25	34.28	27.47	157	0.300	1584.00
740	3.26	3.26	34.29	27.48	158	0.302	1585.00
745	3.27	3.27	34.30	27.49	159	0.304	1586.00
750	3.28	3.28	34.31	27.50	160	0.306	1587.00
755	3.29	3.29	34				

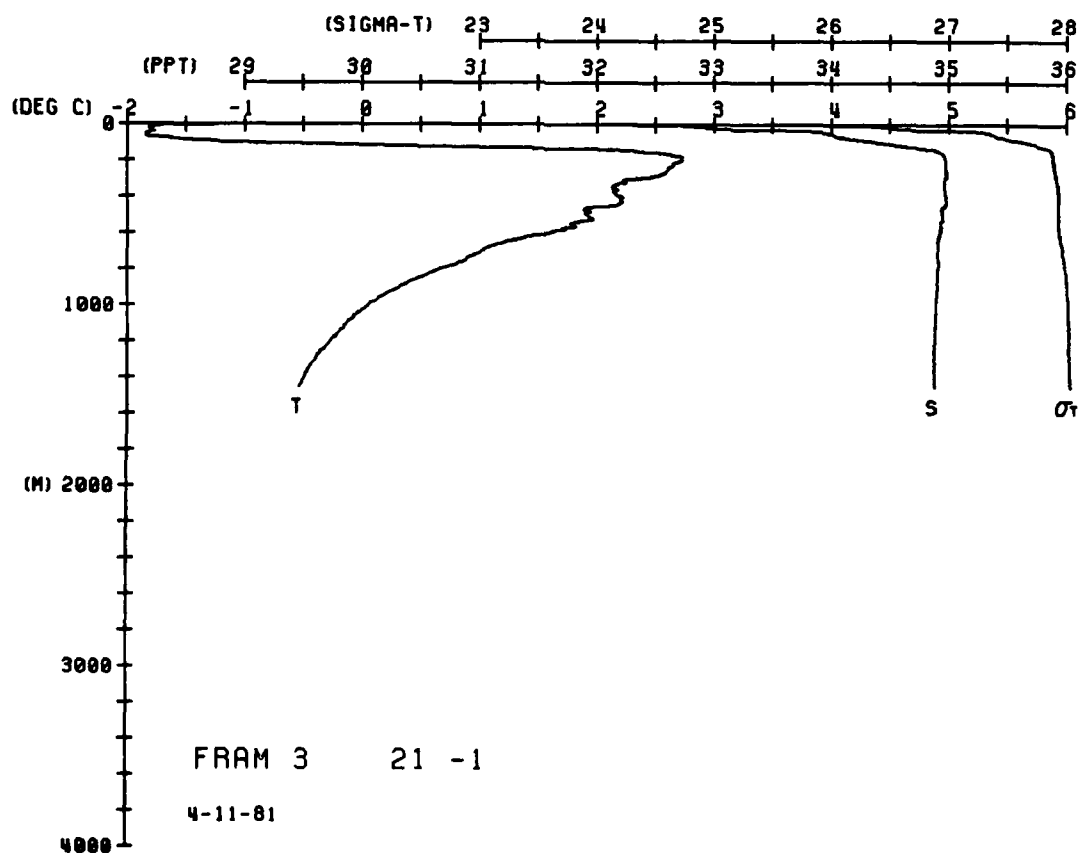
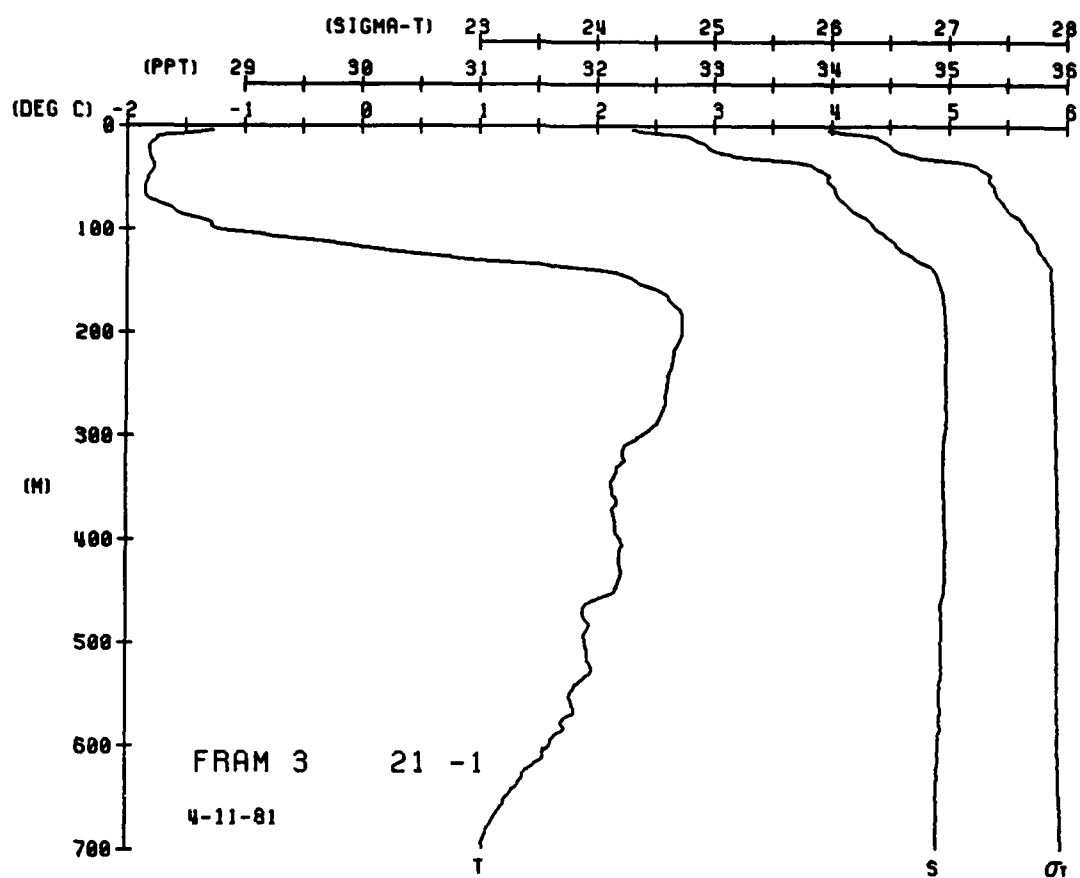


FRAM J	STATION	20(1)	CTD	11/APR/1981	1500	GMT	CODE	= 5
LAT = 03.1753N	LONG = 8.0275E	WTER =	30.	LGRR =	30.			
WATER TEMP = 0.0	WIND =	0.0	SPEED =	0.0				
T	SPVW	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	
9	162.4	0.000	1437.8	710.0	0.93	0.89	34.9	34.9
9	162.4	0.007	1437.9	740.0	0.85	0.82	34.9	34.9
9	162.4	0.004	1437.9	790.0	0.69	0.65	34.9	34.9
9	162.2	0.016	1437.9	840.0	0.49	0.45	34.9	34.9
9	161.7	0.025	1438.2	890.0	0.32	0.27	34.9	34.9
1	160.8	0.033	1438.4	940.0	0.19	0.14	34.9	34.9
1	151.6	0.041	1438.4	990.0	0.06	0.01	34.9	34.9
1	141.1	0.048	1438.7	1040.0	0.05	0.00	34.9	34.9
1	123.1	0.055	1439.1	1090.0	0.14	0.09	34.9	34.9
6	98.6	0.060	1439.7	1140.0	0.21	0.19	34.8	34.8
6	83.4	0.065	1440.1	1190.0	0.28	0.26	34.8	34.8
2	75.4	0.069	1440.4	1240.0	0.33	0.30	34.8	34.8
6	68.6	0.073	1440.5	1290.0	0.36	0.34	34.8	34.8
1	65.8	0.076	1440.4	1340.0	0.44	0.41	34.9	34.9
1	65.7	0.079	1440.5	1390.0	0.49	0.45	34.9	34.9
1	63.7	0.083	1440.4	1440.0	0.54	0.50	34.9	34.9
3	61.9	0.086	1441.3	1450.0	0.56	0.52	34.9	34.9

DEPTH	TEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	1.80	32.80	26.39	162.4	0.000	1437.8
5	1.80	32.80	26.39	162.4	0.000	1437.9
10	1.80	32.80	26.39	162.4	0.000	1438.0
15	1.80	32.80	26.39	162.4	0.000	1438.1
20	1.80	32.80	26.39	162.4	0.000	1438.2
25	1.80	32.80	26.39	162.4	0.000	1438.3
30	1.80	32.80	26.39	162.4	0.000	1438.4
35	1.80	32.80	26.39	162.4	0.000	1438.5
40	1.80	32.80	26.39	162.4	0.000	1438.6
45	1.80	32.80	26.39	162.4	0.000	1438.7
50	1.80	32.80	26.39	162.4	0.000	1438.8
55	1.80	32.80	26.39	162.4	0.000	1438.9
60	1.80	32.80	26.39	162.4	0.000	1439.0
65	1.80	32.80	26.39	162.4	0.000	1439.1
70	1.80	32.80	26.39	162.4	0.000	1439.2
75	1.80	32.80	26.39	162.4	0.000	1439.3
80	1.80	32.80	26.39	162.4	0.000	1439.4
85	1.80	32.80	26.39	162.4	0.000	1439.5
90	1.80	32.80	26.39	162.4	0.000	1439.6
95	1.80	32.80	26.39	162.4	0.000	1439.7
100	1.80	32.80	26.39	162.4	0.000	1439.8
105	1.80	32.80	26.39	162.4	0.000	1439.9
110	1.80	32.80	26.39	162.4	0.000	1440.0
115	1.80	32.80	26.39	162.4	0.000	1440.1
120	1.80	32.80	26.39	162.4	0.000	1440.2
125	1.80	32.80	26.39	162.4	0.000	1440.3
130	1.80	32.80	26.39	162.4	0.000	1440.4
135	1.80	32.80	26.39	162.4	0.000	1440.5
140	1.80	32.80	26.39	162.4	0.000	1440.6
145	1.80	32.80	26.39	162.4	0.000	1440.7
150	1.80	32.80	26.39	162.4	0.000	1440.8
155	1.80	32.80	26.39	162.4	0.000	1440.9
160	1.80	32.80	26.39	162.4	0.000	1441.0
165	1.80	32.80	26.39	162.4	0.000	1441.1
170	1.80	32.80	26.39	162.4	0.000	1441.2
175	1.80	32.80	26.39	162.4	0.000	1441.3
180	1.80	32.80	26.39	162.4	0.000	1441.4
185	1.80	32.80	26.39	162.4	0.000	1441.5
190	1.80	32.80	26.39	162.4	0.000	1441.6
195	1.80	32.80	26.39	162.4	0.000	1441.7
200	1.80	32.80	26.39	162.4	0.000	1441.8
205	1.80	32.80	26.39	162.4	0.000	1441.9
210	1.80	32.80	26.39	162.4	0.000	1442.0
215	1.80	32.80	26.39	162.4	0.000	1442.1
220	1.80	32.80	26.39	162.4	0.000	1442.2
225	1.80	32.80	26.39	162.4	0.000	1442.3
230	1.80	32.80	26.39	162.4	0.000	1442.4
235	1.80	32.80	26.39	162.4	0.000	1442.5
240	1.80	32.80	26.39	162.4	0.000	1442.6
245	1.80	32.80	26.39	162.4	0.000	1442.7
250	1.80	32.80	26.39	162.4	0.000	1442.8
255	1.80	32.80	26.39	162.4	0.000	1442.9
260	1.80	32.80	26.39	162.4	0.000	1443.0
265	1.80	32.80	26.39	162.4	0.000	1443.1
270	1.80	32.80	26.39	162.4	0.000	1443.2
275	1.80	32.80	26.			

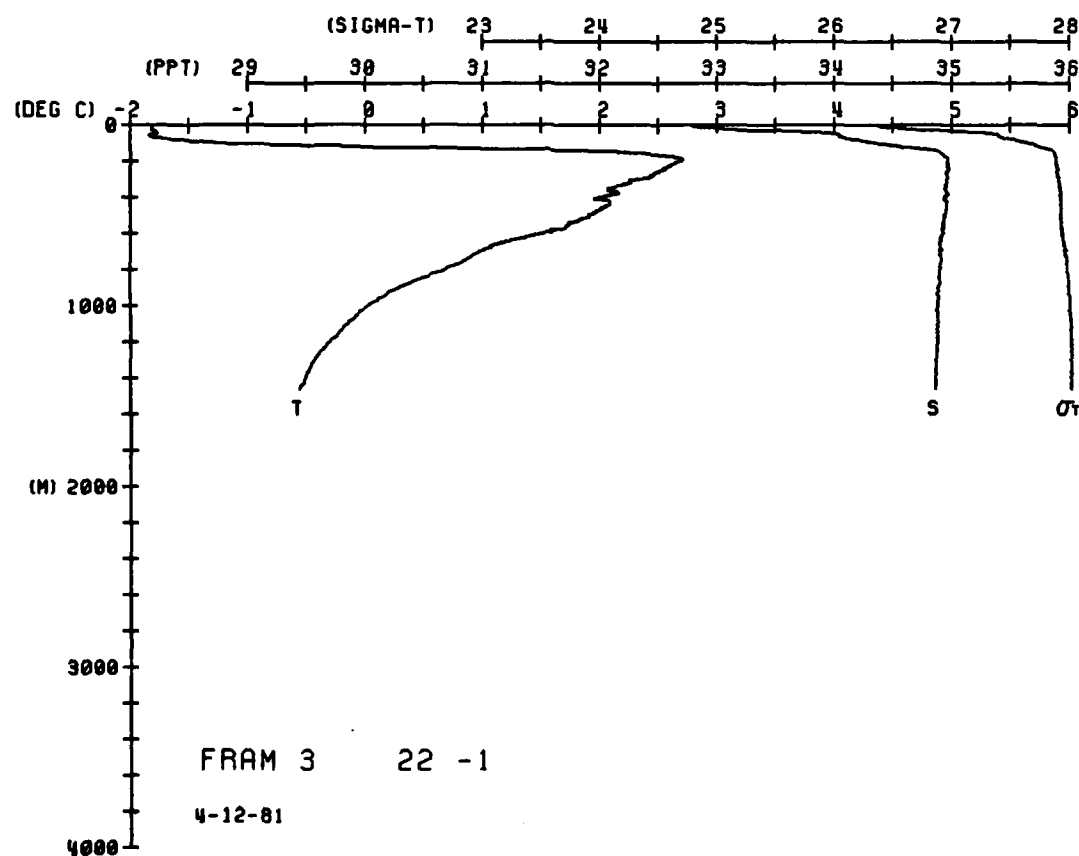
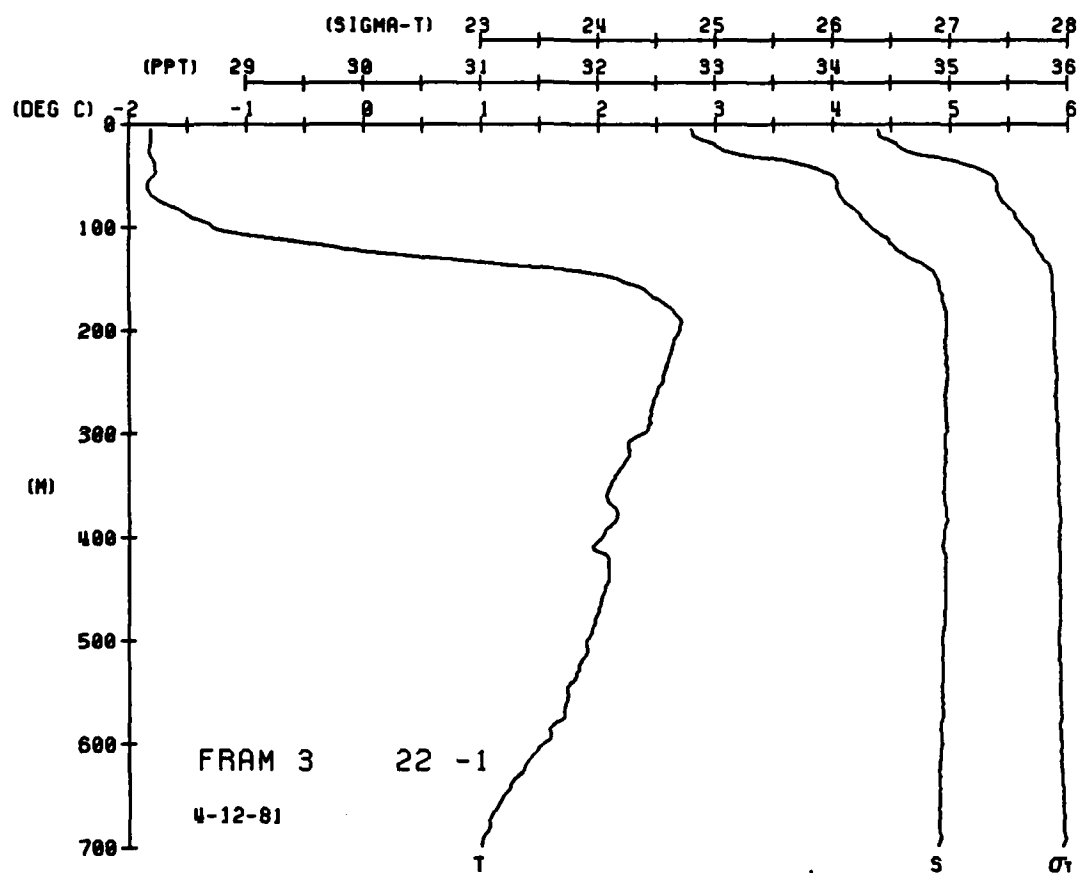






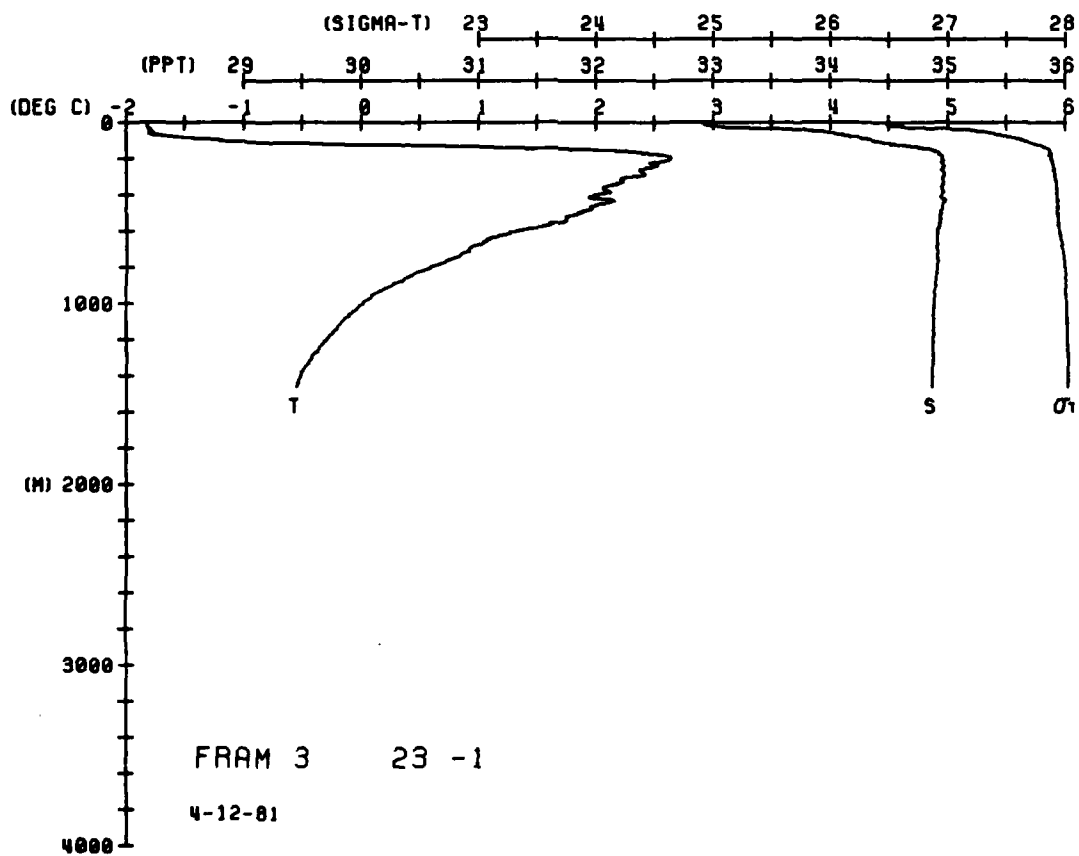
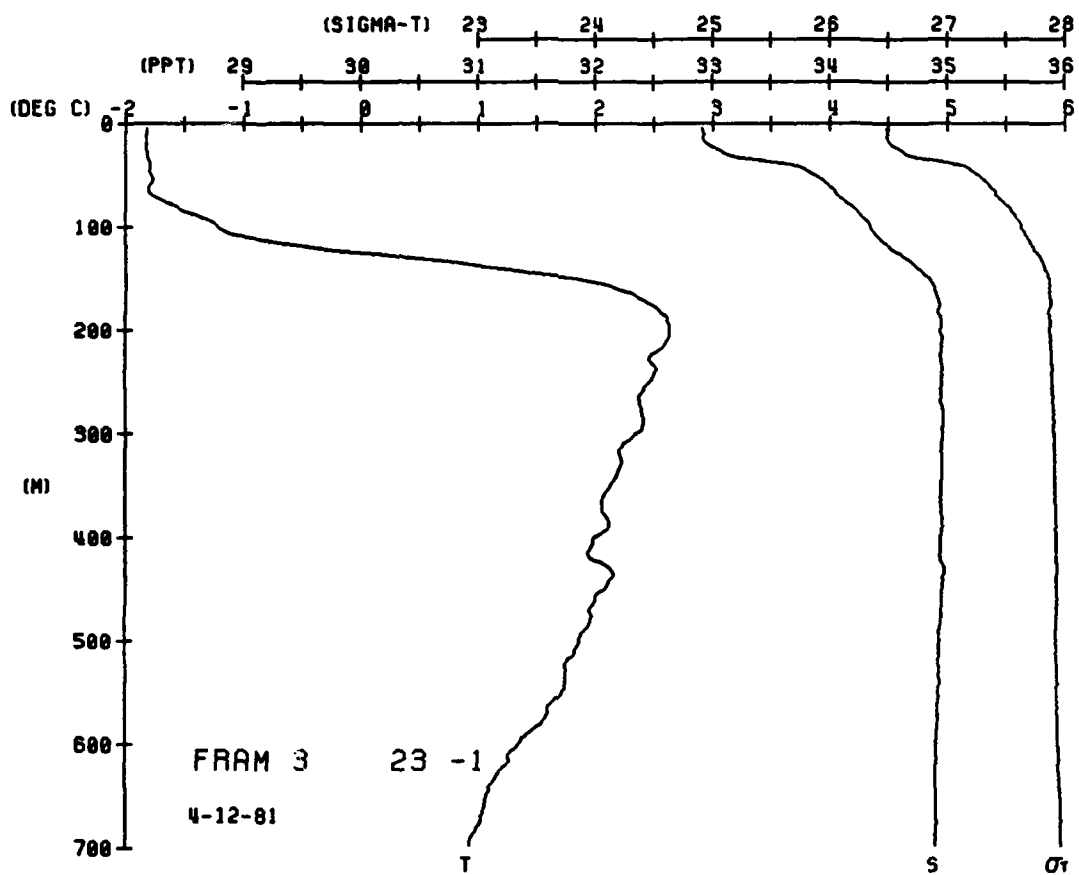
FMAM 3 STATION 23(1) CTD 12/APR/1981 1123 GMT CUDE = 5
 LAT = 83.1125N LONG = 7.6437E LUTER = 30. CGEN = 30.
 AIR TEMP = 0.0 HANUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	82	82	91	26	153	0	1437	710	0	0	34.91	27	13	0	1465.1
5	82	82	91	26	153	0	1438	740	0	0	34.91	27	13	0	1465.3
10	82	82	91	26	153	0	1438	790	0	0	34.91	27	13	0	1465.3
15	82	82	91	26	153	0	1438	840	0	0	34.90	27	13	0	1465.3
20	82	82	91	26	153	0	1438	890	0	0	34.90	27	13	0	1465.3
25	82	82	91	26	153	0	1438	940	0	0	34.90	27	13	0	1465.3
30	82	82	91	26	153	0	1438	990	0	0	34.89	27	13	0	1465.3
35	82	82	91	26	153	0	1438	1040	0	0	34.89	27	13	0	1465.3
40	82	82	91	26	153	0	1438	1090	0	0	34.89	27	13	0	1465.3
45	82	82	91	26	153	0	1438	1140	0	0	34.88	27	13	0	1465.3
50	82	82	91	26	153	0	1438	1190	0	0	34.88	27	13	0	1465.3
55	82	82	91	26	153	0	1438	1240	0	0	34.88	27	13	0	1465.3
60	82	82	91	26	153	0	1438	1290	0	0	34.87	27	13	0	1465.3
65	82	82	91	26	153	0	1438	1340	0	0	34.87	27	13	0	1465.3
70	82	82	91	26	153	0	1438	1390	0	0	34.87	27	13	0	1465.3
75	82	82	91	26	153	0	1438	1440	0	0	34.87	27	13	0	1465.3
80	82	82	91	26	153	0	1438	1462	0	0	34.87	27	13	0	1465.3
85	82	82	91	26	153	0	1438								
90	82	82	91	26	153	0	1438								
95	82	82	91	26	153	0	1438								
100	82	82	91	26	153	0	1438								
105	82	82	91	26	153	0	1438								
110	82	82	91	26	153	0	1438								
115	82	82	91	26	153	0	1438								
120	82	82	91	26	153	0	1438								
125	82	82	91	26	153	0	1438								
130	82	82	91	26	153	0	1438								
135	82	82	91	26	153	0	1438								
140	82	82	91	26	153	0	1438								
145	82	82	91	26	153	0	1438								
150	82	82	91	26	153	0	1438								
155	82	82	91	26	153	0	1438								
160	82	82	91	26	153	0	1438								
165	82	82	91	26	153	0	1438								
170	82	82	91	26	153	0	1438								
175	82	82	91	26	153	0	1438								
180	82	82	91	26	153	0	1438								
185	82	82	91	26	153	0	1438								
190	82	82	91	26	153	0	1438								
195	82	82	91	26	153	0	1438								
200	82	82	91	26	153	0	1438								
205	82	82	91	26	153	0	1438								
210	82	82	91	26	153	0	1438								
215	82	82	91	26	153	0	1438								
220	82	82	91	26	153	0	1438								
225	82	82	91	26	153	0	1438								
230	82	82	91	26	153	0	1438								
235	82	82	91	26	153	0	1438								
240	82	82	91	26	153	0	1438								
245	82	82	91	26	153	0	1438								
250	82	82	91	26	153	0	1438								
255	82	82	91	26	153	0	1438								
260	82	82	91	26	153	0	1438								
265	82	82	91	26	153	0	1438								
270	82	82	91	26	153	0	1438								
275	82	82	91	26	153	0	1438								
280	82	82	91	26	153	0	1438								
285	82	82	91	26	153	0	1438								
290	82	82	91	26	153	0	1438								
295	82	82	91	26	153	0	1438								
300	82	82	91	26	153	0	1438								
305	82	82	91	26	153	0	1438								
310	82	82	91	26	153	0	1438								
315	82	82	91	26	153	0	1438								
320	82	82	91	26	153	0	1438								
325	82	82	91	26	153	0	1438								
330	82	82	91	26	153	0	1438								
335	82	82	91	26	153	0	1438								
340	82	82	91	26	153	0	1438								
345	82	82	91	26	153	0	1438								
350	82	82	91	26	153	0	1438								
355	82	82	91	26	153	0	1438								
360	82	82	91	26	153	0	1438								
365	82	82	91	26	153	0	1438								
370	82	82	91	26	153	0	1438								
375	82	82	91	26	153	0	1438								
380	82	82	91	26	153	0	1438								
385	82	82	91	26	153	0	1438								
390	82	82	91	26	153	0	1438								
395	82	82	91	26	153	0	1438								
400	82	82	91	26	153	0	1438								
405	82	82	91	26	153	0	1438								
410	82	82	91	26	153	0	1438								
415	82	82	91	26	153	0	1438								
420	82	82	91	26	153	0	1438								
425	82	82	91	26	153	0	1438								
430	82	82	91	26	153	0	1438								
435	82	82	91	26	153	0	1438								
440	82	82	91	26	153	0	1438								
445	82	82	91	26	153	0	1438								
450	82	82	91	26	153	0	1438								
455	82	82	91	26	153	0	1438								
460	82	82	91	26	153	0	1438								
465	82	82	91	26	153	0	1438								
470	82	82	91	26	153	0	1438								
475	82	82	91	26	153	0	1438								
480	82	82	91	26	153	0	1438								
485	82	82	91	26	153	0	1438								
490	82	82	91	26	153	0	1438								
495	82	82	91	26	153	0	1438								
500	82	82	91	26	153	0	1438								



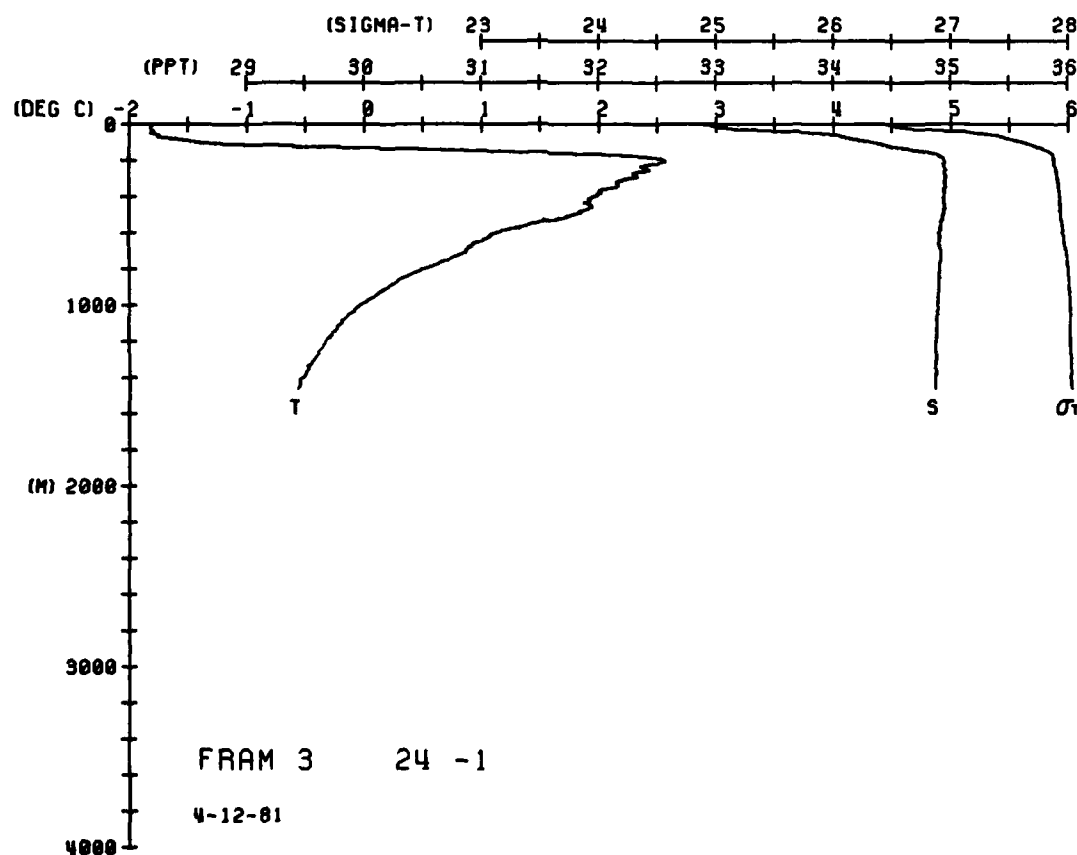
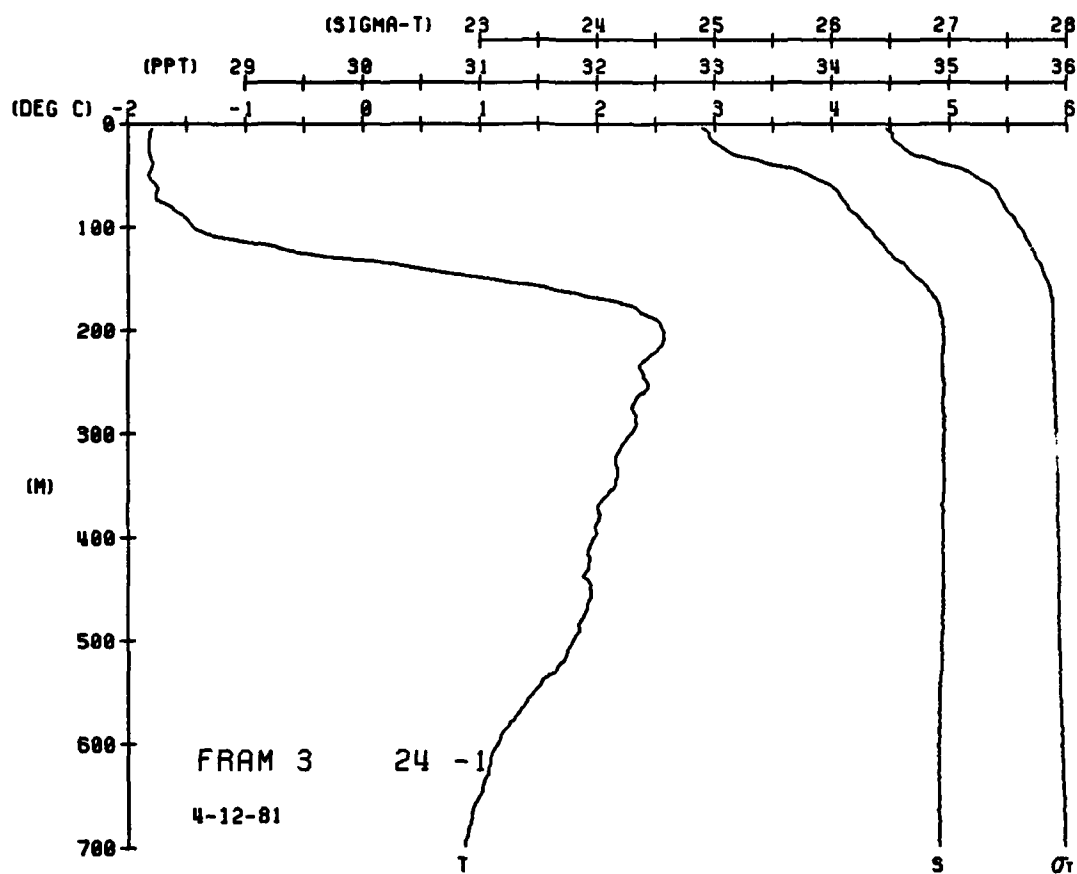
FROM 3 STATION 24(1) CTD 12/APR/1981 1453 GMT CODE = 5
 LAT = 83.0915N LON = 7.5993E LTH = 30. LGEN = 30.
 AIR TEMP = 0.0 BAHUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.00	7.99	1.79	32.87	26.45	4.3	0.000	1338.0	710.0	0.86	0.82	34.92	27.99	12.4	0.218	1464.9
0.45	7.99	1.79	32.89	26.45	4.3	0.006	1338.0	730.0	0.72	0.72	34.91	27.99	12.1	0.222	1464.9
1.00	7.99	1.79	32.90	26.45	4.3	0.016	1338.0	750.0	0.54	0.54	34.91	28.00	11.1	0.228	1464.9
1.50	7.99	1.79	32.91	26.45	4.3	0.031	1338.0	770.0	0.38	0.34	34.90	28.01	10.0	0.233	1464.9
2.00	7.99	1.79	32.92	26.45	4.3	0.046	1338.0	790.0	0.23	0.19	34.89	28.01	8.8	0.238	1465.0
2.50	7.99	1.79	32.93	26.45	4.3	0.061	1338.0	810.0	0.09	0.07	34.88	28.01	7.5	0.243	1465.1
3.00	7.99	1.79	32.94	26.45	4.3	0.076	1338.0	830.0	-0.04	-0.04	34.87	28.02	6.2	0.247	1465.2
3.50	7.99	1.79	32.95	26.45	4.3	0.091	1338.0	850.0	-0.14	-0.14	34.86	28.02	5.0	0.251	1465.3
4.00	7.99	1.79	32.96	26.45	4.3	0.106	1338.0	870.0	-0.23	-0.23	34.85	28.03	3.8	0.255	1465.4
4.50	7.99	1.79	32.97	26.45	4.3	0.121	1338.0	890.0	-0.31	-0.29	34.84	28.03	2.6	0.258	1465.5
5.00	7.99	1.79	32.98	26.45	4.3	0.136	1338.0	910.0	-0.36	-0.26	34.83	28.03	1.4	0.261	1465.6
5.50	7.99	1.79	32.99	26.45	4.3	0.151	1338.0	930.0	-0.41	-0.22	34.82	28.03	0.2	0.265	1465.7
6.00	7.99	1.79	33.00	26.45	4.3	0.166	1338.0	950.0	-0.47	-0.17	34.81	28.03	0.0	0.268	1465.8
6.50	7.99	1.79	33.01	26.45	4.3	0.181	1338.0	970.0	-0.50	-0.14	34.80	28.03	0.0	0.270	1465.9
7.00	7.99	1.79	33.02	26.45	4.3	0.196	1338.0	990.0	-0.55	-0.10	34.79	28.03	0.0	0.273	1466.0
7.50	7.99	1.79	33.03	26.45	4.3	0.211	1338.0	1010.0	-0.56	-0.07	34.78	28.03	0.0	0.276	1466.1
8.00	7.99	1.79	33.04	26.45	4.3	0.226	1338.0	1030.0	-0.56	-0.03	34.77	28.03	0.0	0.277	1466.2
8.50	7.99	1.79	33.05	26.45	4.3	0.241	1338.0	1050.0	-0.55	0.00	34.76	28.03	0.0	0.277	1466.3
9.00	7.99	1.79	33.06	26.45	4.3	0.256	1338.0	1070.0	-0.53	0.03	34.75	28.03	0.0	0.277	1466.4
9.50	7.99	1.79	33.07	26.45	4.3	0.271	1338.0	1090.0	-0.50	0.06	34.74	28.03	0.0	0.277	1466.5
10.00	7.99	1.79	33.08	26.45	4.3	0.286	1338.0	1110.0	-0.47	0.09	34.73	28.03	0.0	0.277	1466.6
10.50	7.99	1.79	33.09	26.45	4.3	0.301	1338.0	1130.0	-0.43	0.12	34.72	28.03	0.0	0.277	1466.7
11.00	7.99	1.79	33.10	26.45	4.3	0.316	1338.0	1150.0	-0.39	0.15	34.71	28.03	0.0	0.277	1466.8
11.50	7.99	1.79	33.11	26.45	4.3	0.331	1338.0	1170.0	-0.34	0.18	34.70	28.03	0.0	0.277	1466.9
12.00	7.99	1.79	33.12	26.45	4.3	0.346	1338.0	1190.0	-0.29	0.21	34.69	28.03	0.0	0.277	1467.0
12.50	7.99	1.79	33.13	26.45	4.3	0.361	1338.0	1210.0	-0.24	0.24	34.68	28.03	0.0	0.277	1467.1
13.00	7.99	1.79	33.14	26.45	4.3	0.376	1338.0	1230.0	-0.19	0.27	34.67	28.03	0.0	0.277	1467.2
13.50	7.99	1.79	33.15	26.45	4.3	0.391	1338.0	1250.0	-0.14	0.30	34.66	28.03	0.0	0.277	1467.3
14.00	7.99	1.79	33.16	26.45	4.3	0.406	1338.0	1270.0	-0.09	0.33	34.65	28.03	0.0	0.277	1467.4
14.50	7.99	1.79	33.17	26.45	4.3	0.421	1338.0	1290.0	-0.04	0.36	34.64	28.03	0.0	0.277	1467.5
15.00	7.99	1.79	33.18	26.45	4.3	0.436	1338.0	1310.0	0.00	0.39	34.63	28.03	0.0	0.277	1467.6
15.50	7.99	1.79	33.19	26.45	4.3	0.451	1338.0	1330.0	0.05	0.42	34.62	28.03	0.0	0.277	1467.7
16.00	7.99	1.79	33.20	26.45	4.3	0.466	1338.0	1350.0	0.10	0.45	34.61	28.03	0.0	0.277	1467.8
16.50	7.99	1.79	33.21	26.45	4.3	0.481	1338.0	1370.0	0.15	0.48	34.60	28.03	0.0	0.277	1467.9
17.00	7.99	1.79	33.22	26.45	4.3	0.496	1338.0	1390.0	0.20	0.51	34.59	28.03	0.0	0.277	1468.0
17.50	7.99	1.79	33.23	26.45	4.3	0.511	1338.0	1410.0	0.25	0.54	34.58	28.03	0.0	0.277	1468.1
18.00	7.99	1.79	33.24	26.45	4.3	0.526	1338.0	1430.0	0.30	0.57	34.57	28.03	0.0	0.277	1468.2
18.50	7.99	1.79	33.25	26.45	4.3	0.541	1338.0	1450.0	0.35	0.60	34.56	28.03	0.0	0.277	1468.3
19.00	7.99	1.79	33.26	26.45	4.3	0.556	1338.0	1470.0	0.40	0.63	34.55	28.03	0.0	0.277	1468.4
19.50	7.99	1.79	33.27	26.45	4.3	0.571	1338.0	1490.0	0.45	0.66	34.54	28.03	0.0	0.277	1468.5
20.00	7.99	1.79	33.28	26.45	4.3	0.586	1338.0	1510.0	0.50	0.69	34.53	28.03	0.0	0.277	1468.6
20.50	7.99	1.79	33.29	26.45	4.3	0.601	1338.0	1530.0	0.55	0.72	34.52	28.03	0.0	0.277	1468.7
21.00	7.99	1.79	33.30	26.45	4.3	0.616	1338.0	1550.0	0.60	0.75	34.51	28.03	0.0	0.277	1468.8
21.50	7.99	1.79	33.31	26.45	4.3	0.631	1338.0	1570.0	0.65	0.78	34.50	28.03	0.0	0.277	1468.9
22.00	7.99	1.79	33.32	26.45	4.3	0.646	1338.0	1590.0	0.70	0.81	34.49	28.03	0.0	0.277	1469.0
22.50	7.99	1.79	33.33	26.45	4.3	0.661	1338.0	1610.0	0.75	0.84	34.48	28.03	0.0	0.277	1469.1
23.00	7.99	1.79	33.34	26.45	4.3	0.676	1338.0	1630.0	0.80	0.87	34.47	28.03	0.0	0.277	1469.2
23.50	7.99	1.79	33.35	26.45	4.3	0.691	1338.0	1650.0	0.85	0.90	34.46	28.03	0.0	0.277	1469.3
24.00	7.99	1.79	33.36	26.45	4.3	0.706	1338.0	1670.0	0.90	0.93	34.45	28.03	0.0	0.277	1469.4
24.50	7.99	1.79	33.37	26.45	4.3	0.721	1338.0	1690.0	0.95	0.96	34.44	28.03	0.0	0.277	1469.5
25.00	7.99	1.79	33.38	26.45	4.3	0.736	1338.0	1710.0	1.00	0.99	34.43	28.03	0.0	0.277	1469.6
25.50	7.99	1.79	33.39	26.45	4.3	0.751	1338.0	1730.0	1.05	1.02	34.42	28.03	0.0	0.277	1469.7
26.00	7.99	1.79	33.40	26.45	4.3	0.766	1338.0	1750.0	1.10	1.05	34.41	28.03	0.0	0.277	1469.8
26.50	7.99	1.79	33.41	26.45	4.3	0.781	1338.0	1770.0	1.15	1.08	34.40	28.03	0.0	0.277	1469.9
27.00	7.99	1.79	33.42	26.45	4.3	0.796	1338.0	1790.0	1.20	1.11	34.39	28.03	0.0	0.277	1470.0
27.50	7.99	1.79	33.43	26.45	4.3	0.811	1338.0	1810.0	1.25	1.14	34.38	28.03	0.0	0.277	1470.1
28.00	7.99	1.79	33.44	26.45	4.3	0.826	1338.0	1830.0	1.30	1.17	34.37	28.03	0.0	0.277	1470.2
28.50	7.99	1.79	33.45	26.45	4.3	0.841	1338.0	1850.0	1.35	1.20	34.36	28.03	0.0	0.277	1470.3
29.00	7.99	1.79	33.46	26.45	4.3	0.856	1338.0	1870.0	1.40	1.23	34.35	28.03	0.0	0.277	1470.4
29.50	7.99	1.79	33.47	26.45	4.3	0.871	1338.0	1890.0	1.45	1.26	34.34	28.03	0.0	0.277	1470.5
30.00	7.99	1.79	33.48	26.45	4.3	0.886	1338.0	1910.0	1.50	1.29	34.33	28.03	0.0	0.277	1470.6
30.50	7.99	1.79	33.49	26.45	4.3	0.901	1338.0	1930.0	1.55	1.32	34.32	28.03	0.0	0.277	1470.7
31.00	7.99	1.79	33.50	26.45	4.3	0.916	1338.0	1950.0	1.60	1.35	34.31	28.03	0.0	0.277	1470.8
31.50	7.99	1.79	33.51	26.45	4.3	0.931	1338.0	1970.0	1.65	1.38	34.30	28.03	0.0	0.277	1470.9
32.00	7.99	1.79	33.52	26.45	4.3	0.946	1338.0	1990.0	1.70	1.41	34.29	28.03	0.0	0.277	1471.0
32.50	7.99	1.79	33.53	26.45	4.3	0.961	1338.0	2010.0	1.75	1.44	34.28	28.03	0.0	0.277	1471.1
33.00	7.99	1.79	33.54	26.45	4.3	0.976	1338.0	2030.0	1.80	1.47	34.27	28.03	0.0	0.277	1471.2
33.50	7.99	1.79	33.55	26.45	4.3	0.991	1338.0	2050.0	1.85	1.50	34.26	28.03	0.0	0.277	1471.3
34.00	7.99	1.79	33.56	26.45	4.3	1.006	1338.0	2070.0	1.90	1.53	34.25	28.03	0.0	0.277	1471.4
34.50	7.99	1.79	33.57	26.45	4.3	1.021	1338.0	2090.0	1.95	1.56	34.24	28.03	0.0	0.277	1471.5
35.00	7.99	1.79	33.58	26.45	4.3	1.036	1338.0	2110.0	2.00	1.59	34.23	28.03	0.0	0.277	1471.6
35.50	7.99	1.79	33.59	26.45	4.3	1.051	1338.0	2130.0	2.05	1.62	34.22	28.03	0.0	0.277	1471.7
36.00	7.99	1.79	33.60	26.45	4.3	1.066	1338.0	2150.0	2.10	1.65	34.21	28.03	0.0	0.277	1471.8
36.50	7.99	1.79	33.61	26.45	4.3	1.081	1338.0	2170.0	2.15	1.68	34.20	28.03	0.0	0.277	1471.9
37.00	7.99	1.79	33.62	26.45	4.3	1.096	1338.0	2190.0	2.20	1.71	34.19	28.03	0.0	0.277	1472.0
37.50	7.99	1.79	33.63	26.45	4.3	1.111	1338.0	2210.0	2.25	1.74	34.18	28.03			

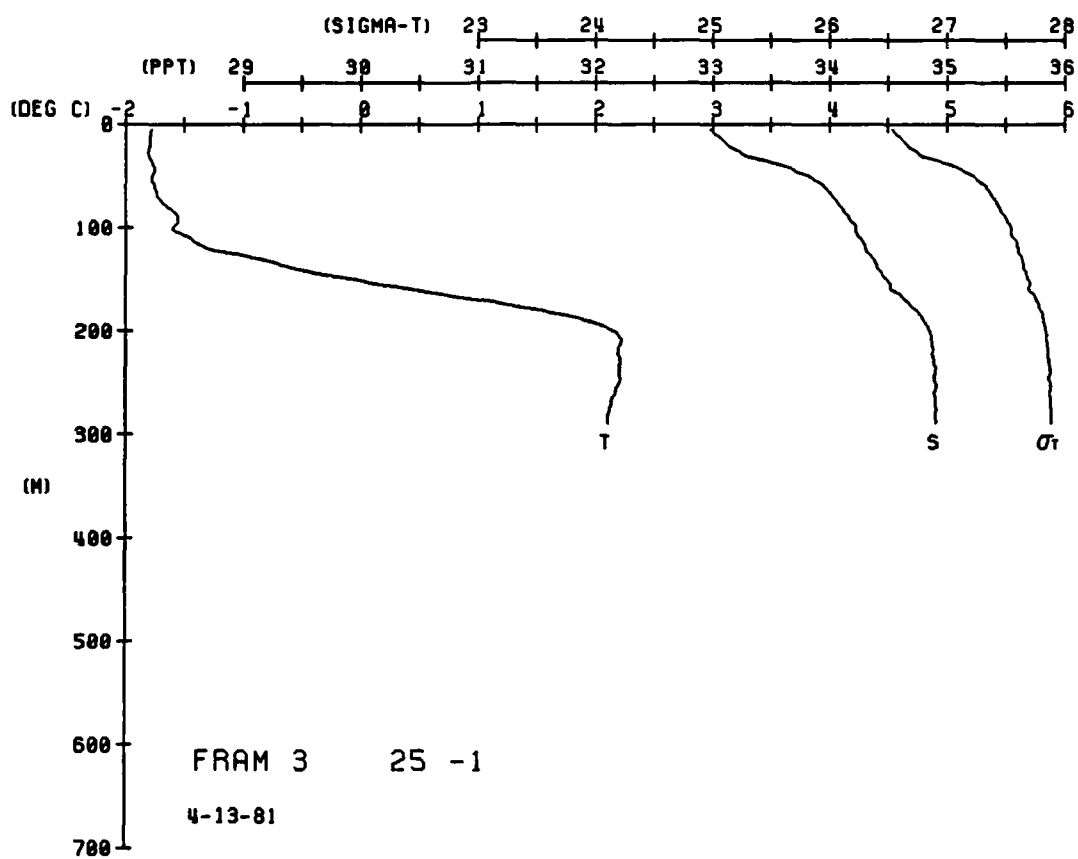


FRAM 3 STATION 25(1) CTD 13/APR/1981 215 GMT CODE = 5
 LAT = 43.0735N LNC = 7.4097E LTER = 30 LGPR = 30
 AIR TEMP = 0.0 WIND = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	1.78	1.78	32.99	26.54	148.8	0.000	1438.2
4	1.78	1.78	32.99	26.54	148.8	0.000	1438.2
5	1.78	1.78	32.99	26.54	148.8	0.000	1438.2
10	1.79	1.79	33.03	26.58	144.5	0.008	1438.3
15	1.79	1.79	33.09	26.63	140.7	0.015	1438.4
20	1.79	1.79	33.14	26.66	136.9	0.022	1438.5
25	1.80	1.80	33.21	26.72	130.9	0.039	1438.6
30	1.80	1.80	33.27	26.78	125.5	0.056	1438.8
35	1.78	1.78	33.34	26.90	113.0	0.042	1439.0
40	1.76	1.76	33.40	27.04	100.9	0.054	1439.4
45	1.76	1.76	33.47	27.13	92.0	0.059	1440.0
50	1.77	1.77	33.54	27.28	83.0	0.063	1440.2
55	1.77	1.77	33.59	27.34	78.0	0.067	1440.4
60	1.75	1.75	33.66	27.37	72.0	0.071	1440.7
65	1.73	1.73	34.00	27.39	69.0	0.075	1440.9
70	1.73	1.73	34.07	27.43	66.0	0.078	1441.1
75	1.69	1.69	34.11	27.45	64.0	0.081	1441.4
80	1.59	1.59	34.13	27.47	61.0	0.085	1441.7
85	1.55	1.55	34.17	27.50	59.0	0.091	1442.1
90	1.56	1.56	34.20	27.52	56.0	0.093	1442.5
95	1.56	1.56	34.23	27.57	52.0	0.096	1442.4
100	1.56	1.56	34.25	27.61	49.0	0.101	1443.4
110	1.56	1.56	34.28	27.64	46.0	0.106	1444.3
120	1.56	1.56	34.31	27.66	43.0	0.111	1446.6
130	1.56	1.56	34.32	27.66	41.0	0.115	1448.3
140	1.56	1.56	34.33	27.70	38.0	0.119	1450.8
150	1.56	1.56	34.35	27.77	32.0	0.126	1453.4
160	1.56	1.56	34.36	27.80	29.0	0.130	1456.3
170	1.56	1.56	34.37	27.81	27.0	0.135	1458.8
180	1.56	1.56	34.38	27.85	25.0	0.138	1460.1
190	1.56	1.56	34.38	27.85	23.0	0.140	1462.0
200	1.56	1.56	34.38	27.89	22.0	0.143	1462.9
210	1.56	1.56	34.38	27.88	22.0	0.145	1463.0
220	1.56	1.56	34.38	27.88	22.0	0.147	1463.2
230	1.56	1.56	34.38	27.88	22.0	0.149	1463.2
240	1.56	1.56	34.38	27.88	22.0	0.152	1463.3
250	1.56	1.56	34.38	27.88	22.0	0.154	1463.3
260	1.56	1.56	34.38	27.88	22.0	0.156	1463.3
270	1.56	1.56	34.38	27.88	22.0	0.156	1463.3
280	1.56	1.56	34.38	27.88	22.0	0.156	1463.3
290	1.56	1.56	34.38	27.88	22.0	0.156	1463.3
300	1.56	1.56	34.38	27.88	22.0	0.156	1463.3

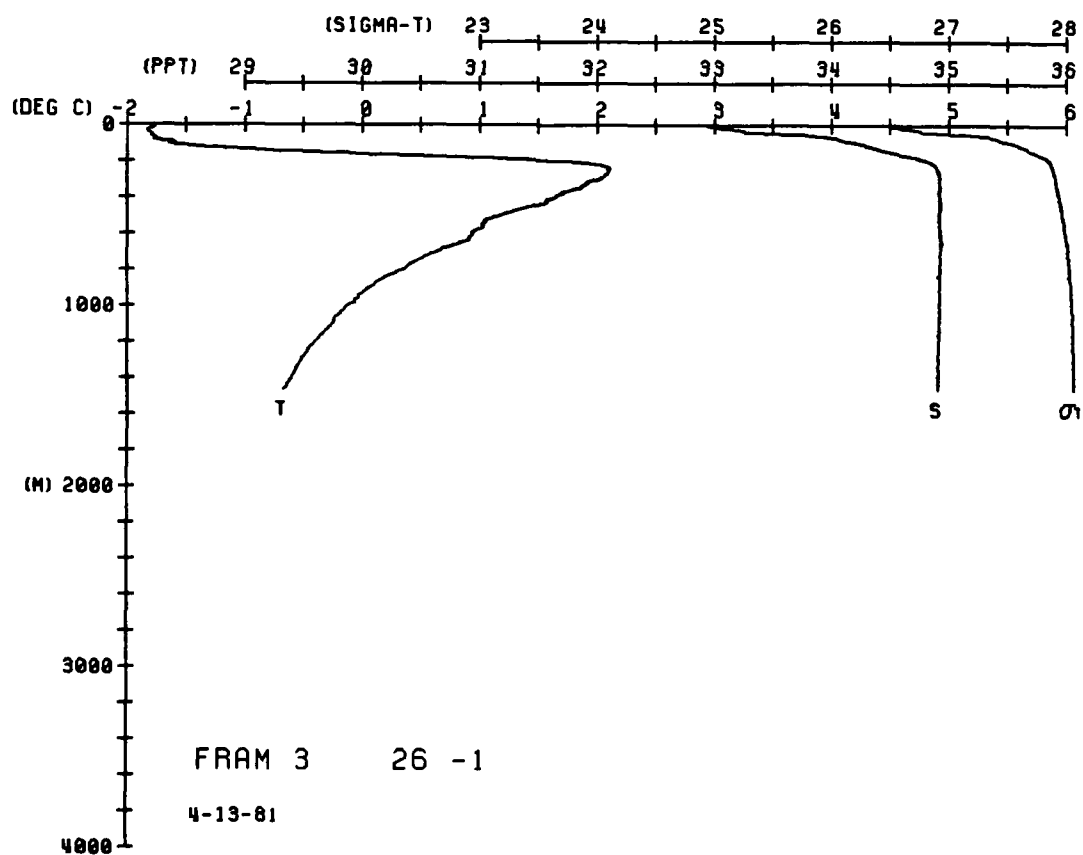
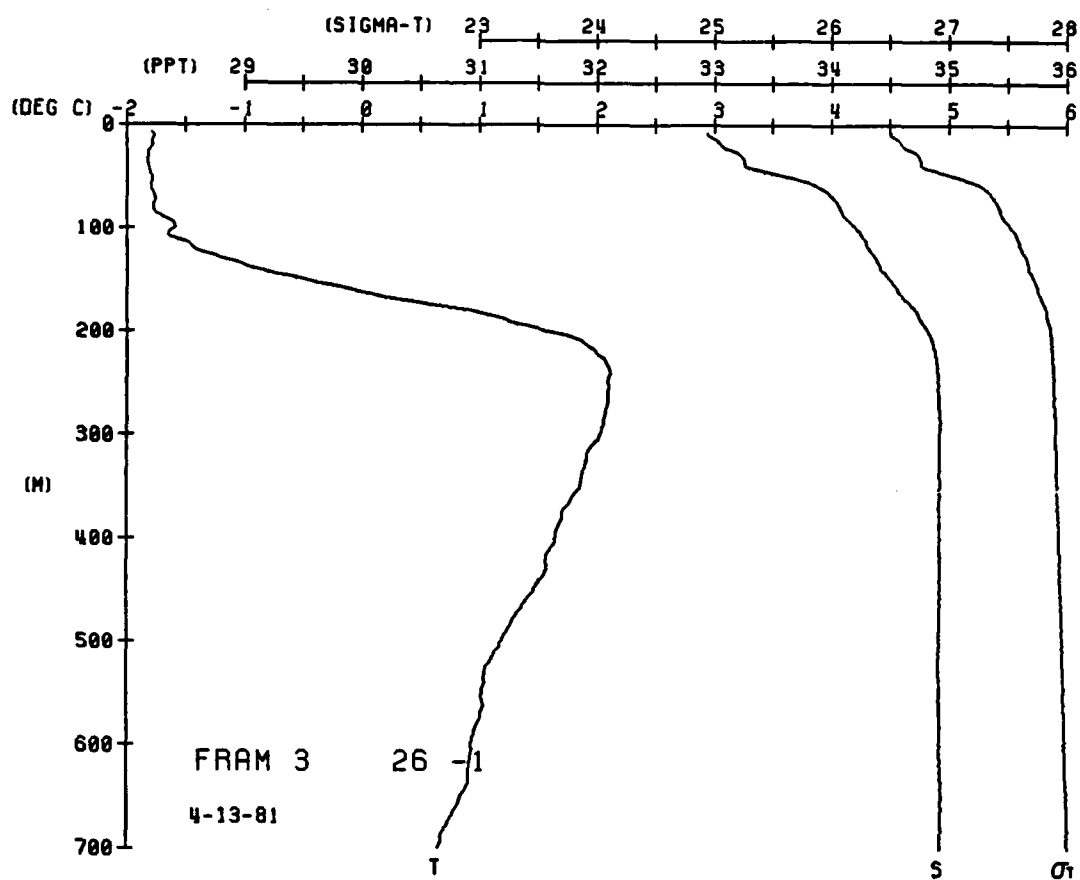


DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	CTD 13/APH/1981	807 GMT	CUDE = 5	SALIN	SIG T	SPVOL	DYNHT	SOUND
05.00	-1.78	-1.78	32.94	26.51	151.5	0.000	1438.1	710.0	0.61	0.59	34.91	28.02	9.7	0.221	1463.9
05.00	-1.78	-1.77	32.94	26.51	151.5	0.008	1438.2	740.0	0.57	0.48	34.93	28.03	8.6	0.228	1464.0
10.00	-1.76	-1.77	32.93	26.51	151.1	0.015	1438.4	790.0	0.22	0.14	34.92	28.03	8.3	0.232	1464.2
12.00	-1.78	-1.78	33.07	26.61	144.9	0.023	1438.5	840.0	-0.09	-0.06	34.93	28.04	6.2	0.236	1464.4
20.00	-1.81	-1.82	33.13	26.69	133.8	0.037	1438.7	940.0	-0.09	-0.13	34.92	28.05	5.2	0.241	1465.3
30.00	-1.82	-1.82	33.28	26.75	126.8	0.044	1438.9	990.0	-0.18	-0.23	34.92	28.05	4.4	0.244	1465.7
40.00	-1.82	-1.82	33.34	26.78	125.8	0.056	1439.1	1040.0	-0.24	-0.29	34.92	28.06	4.1	0.248	1466.3
45.00	-1.80	-1.81	33.51	26.92	119.6	0.062	1439.5	1140.0	-0.31	-0.36	34.92	28.06	3.5	0.250	1467.0
50.00	-1.79	-1.79	33.59	27.03	112.5	0.068	1439.9	1240.0	-0.45	-0.51	34.91	28.06	2.7	0.251	1467.9
55.00	-1.78	-1.78	33.89	27.20	87.7	0.073	1440.2	1290.0	-0.50	-0.56	34.91	28.07	2.2	0.252	1468.5
60.00	-1.78	-1.78	33.97	27.38	77.6	0.077	1440.4	1340.0	-0.55	-0.61	34.92	28.07	1.5	0.253	1469.1
65.00	-1.76	-1.76	34.02	27.41	71.6	0.080	1440.6	1390.0	-0.60	-0.66	34.91	28.07	1.0	0.254	1469.4
70.00	-1.77	-1.77	34.02	27.41	65.3	0.084	1440.9	1440.0	-0.67	-0.71	34.91	28.07	0.9	0.255	1470.4
75.00	-1.77	-1.77	34.02	27.41	65.3	0.087	1441.0	1463.9	-0.67	-0.74	34.91	28.07	0.9	0.255	1470.6



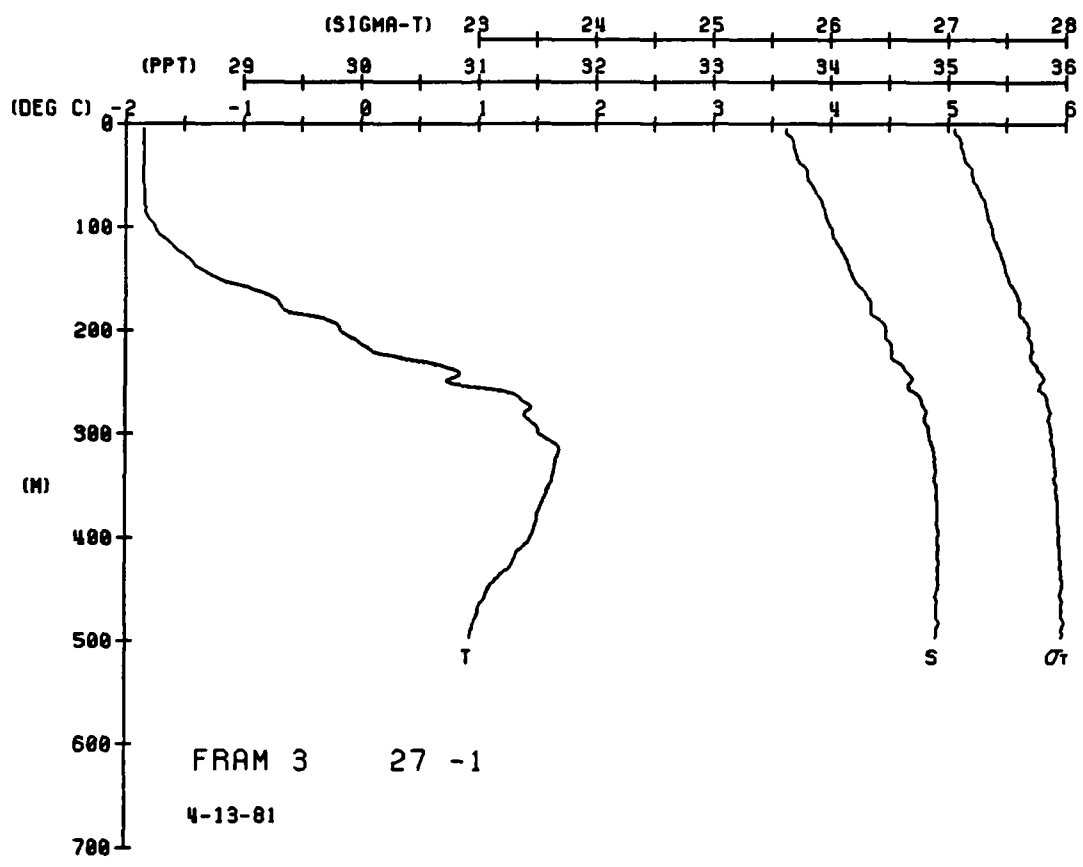
FRAM 3 STATION 27(1) CTU 13/APR/1981 1435 GMT CODE = 5
 LAT = 83.0383N LNG = 16.1667E UTM = 300. LGPK = 300.
 AIR TEMP = 0.0 HARDW = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	LYNHT	SOUND
0.0	85	1.85	33.33	27.06	98.93	0.000	1438.8
5.0	85	1.85	33.33	27.06	98.93	0.004	1438.8
10.0	85	1.85	33.33	27.06	98.93	0.005	1438.8
15.0	85	1.85	33.33	27.06	98.93	0.010	1438.8
20.0	85	1.85	33.33	27.06	98.93	0.015	1438.8
25.0	85	1.85	33.33	27.06	98.93	0.020	1438.8
30.0	85	1.85	33.33	27.06	98.93	0.024	1438.8
35.0	85	1.85	33.33	27.06	98.93	0.029	1438.8
40.0	85	1.85	33.33	27.06	98.93	0.034	1438.8
45.0	85	1.85	33.33	27.06	98.93	0.038	1438.8
50.0	85	1.85	33.33	27.06	98.93	0.043	1438.8
55.0	85	1.85	33.33	27.06	98.93	0.047	1438.8
60.0	85	1.85	33.33	27.06	98.93	0.051	1438.8
65.0	85	1.85	33.33	27.06	98.93	0.055	1438.8
70.0	85	1.85	33.33	27.06	98.93	0.059	1438.8
75.0	85	1.85	33.33	27.06	98.93	0.063	1438.8
80.0	85	1.85	33.33	27.06	98.93	0.067	1438.8
85.0	85	1.85	33.33	27.06	98.93	0.071	1438.8
90.0	85	1.85	33.33	27.06	98.93	0.075	1438.8
95.0	85	1.85	33.33	27.06	98.93	0.079	1438.8
100.0	85	1.85	33.33	27.06	98.93	0.083	1438.8
110.0	85	1.85	33.33	27.06	98.93	0.087	1438.8
120.0	85	1.85	33.33	27.06	98.93	0.091	1438.8
130.0	85	1.85	33.33	27.06	98.93	0.095	1438.8
140.0	85	1.85	33.33	27.06	98.93	0.099	1438.8
150.0	85	1.85	33.33	27.06	98.93	0.103	1438.8
160.0	85	1.85	33.33	27.06	98.93	0.107	1438.8
170.0	85	1.85	33.33	27.06	98.93	0.111	1438.8
180.0	85	1.85	33.33	27.06	98.93	0.115	1438.8
190.0	85	1.85	33.33	27.06	98.93	0.119	1438.8
200.0	85	1.85	33.33	27.06	98.93	0.123	1438.8
210.0	85	1.85	33.33	27.06	98.93	0.127	1438.8
220.0	85	1.85	33.33	27.06	98.93	0.131	1438.8
230.0	85	1.85	33.33	27.06	98.93	0.135	1438.8
240.0	85	1.85	33.33	27.06	98.93	0.139	1438.8
250.0	85	1.85	33.33	27.06	98.93	0.143	1438.8
260.0	85	1.85	33.33	27.06	98.93	0.147	1438.8
270.0	85	1.85	33.33	27.06	98.93	0.151	1438.8
280.0	85	1.85	33.33	27.06	98.93	0.155	1438.8
290.0	85	1.85	33.33	27.06	98.93	0.159	1438.8
300.0	85	1.85	33.33	27.06	98.93	0.163	1438.8
310.0	85	1.85	33.33	27.06	98.93	0.167	1438.8
320.0	85	1.85	33.33	27.06	98.93	0.171	1438.8
330.0	85	1.85	33.33	27.06	98.93	0.175	1438.8
340.0	85	1.85	33.33	27.06	98.93	0.179	1438.8
350.0	85	1.85	33.33	27.06	98.93	0.183	1438.8
360.0	85	1.85	33.33	27.06	98.93	0.187	1438.8
370.0	85	1.85	33.33	27.06	98.93	0.191	1438.8
380.0	85	1.85	33.33	27.06	98.93	0.195	1438.8
390.0	85	1.85	33.33	27.06	98.93	0.199	1438.8
400.0	85	1.85	33.33	27.06	98.93	0.203	1438.8
410.0	85	1.85	33.33	27.06	98.93	0.207	1438.8
420.0	85	1.85	33.33	27.06	98.93	0.211	1438.8
430.0	85	1.85	33.33	27.06	98.93	0.215	1438.8
440.0	85	1.85	33.33	27.06	98.93	0.219	1438.8
450.0	85	1.85	33.33	27.06	98.93	0.223	1438.8
460.0	85	1.85	33.33	27.06	98.93	0.227	1438.8
470.0	85	1.85	33.33	27.06	98.93	0.231	1438.8
480.0	85	1.85	33.33	27.06	98.93	0.235	1438.8
490.0	85	1.85	33.33	27.06	98.93	0.239	1438.8
496.0	85	1.85	33.33	27.06	98.93	0.243	1438.8



FRAM 3 STATION 28(1) CTU 13/APR/1981 1452 GMT CUDE = 5
LAT = 83.0612N LNG = 7.2638E LTER = 30 LGEN = 30
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SDNUL	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SDNUL
0000	2209	0209	3333	1127	100	006	00	710	059	053	3492	011	104	022	1463
0500	2209	0209	3333	1127	151	006	38	740	043	045	3490	011	994	235	1463
1000	2209	0209	3333	1127	145	006	38	840	010	012	3490	022	884	359	1464
1500	2209	0209	3333	1127	143	006	38	890	005	007	3489	023	884	373	1464
2000	2209	0209	3333	1127	138	006	38	940	003	004	3489	023	884	373	1464
2500	2209	0209	3333	1127	126	006	38	990	004	005	3489	023	884	373	1464
3000	2209	0209	3333	1127	126	006	38	1040	005	006	3489	023	884	373	1464
3500	2209	0209	3333	1127	126	006	38	1090	004	005	3489	023	884	373	1464
4000	2209	0209	3333	1127	126	006	38	1140	004	005	3489	023	884	373	1464
4500	2209	0209	3333	1127	126	006	38	1190	004	005	3489	023	884	373	1464
5000	2209	0209	3333	1127	126	006	38	1240	004	005	3489	023	884	373	1464
5500	2209	0209	3333	1127	126	006	38	1290	004	005	3489	023	884	373	1464
6000	2209	0209	3333	1127	126	006	38	1340	004	005	3489	023	884	373	1464
6500	2209	0209	3333	1127	126	006	38	1390	004	005	3489	023	884	373	1464
7000	2209	0209	3333	1127	126	006	38	1440	004	005	3489	023	884	373	1464
7500	2209	0209	3333	1127	126	006	38	1490	004	005	3489	023	884	373	1464
8000	2209	0209	3333	1127	126	006	38	1540	004	005	3489	023	884	373	1464
8500	2209	0209	3333	1127	126	006	38	1590	004	005	3489	023	884	373	1464
9000	2209	0209	3333	1127	126	006	38	1640	004	005	3489	023	884	373	1464
9500	2209	0209	3333	1127	126	006	38	1690	004	005	3489	023	884	373	1464
10000	2209	0209	3333	1127	126	006	38	1740	004	005	3489	023	884	373	1464



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FRAM 3 STATION 29(1) CTD 13/APR/1981 1950 GMT CUDK = 5
LAT = 83.0536N LON = 7.2155E LTER = 30 LGFR = 30
AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

```

FRAM 3 STATION 29(1) CTD 13/APR/1981
LAT = 83.0536N LNG = 7.2155E LTER =
AIR TEMP = 0.0 BARUM = 0.0 WIND =

FROM 3 STAT
LAT = 83.0536
AIR TEMP =

CLAIMS

22

3 33 34

3.01

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029

10

29 : BAL

CRIM (11)

572

70.21

1550

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APK
L.F.
W.I.

1/1

166

11

950
930

0.30

MI
Gf.
Df.

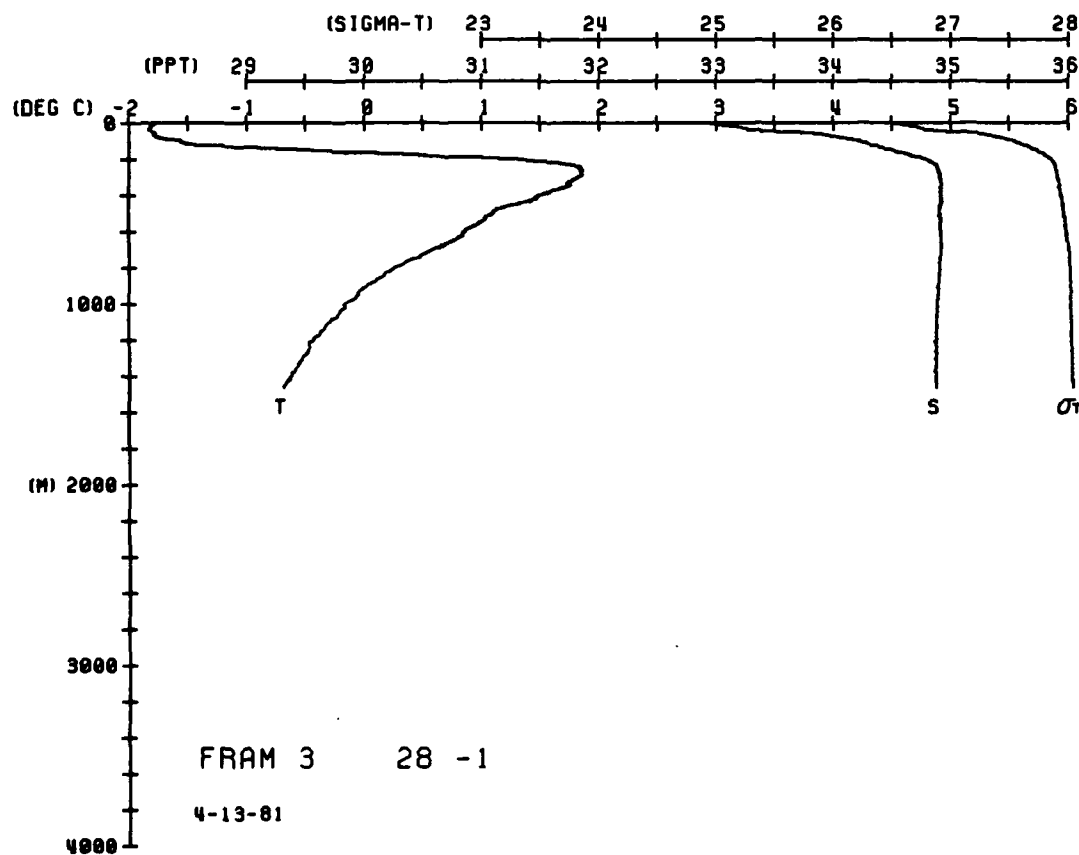
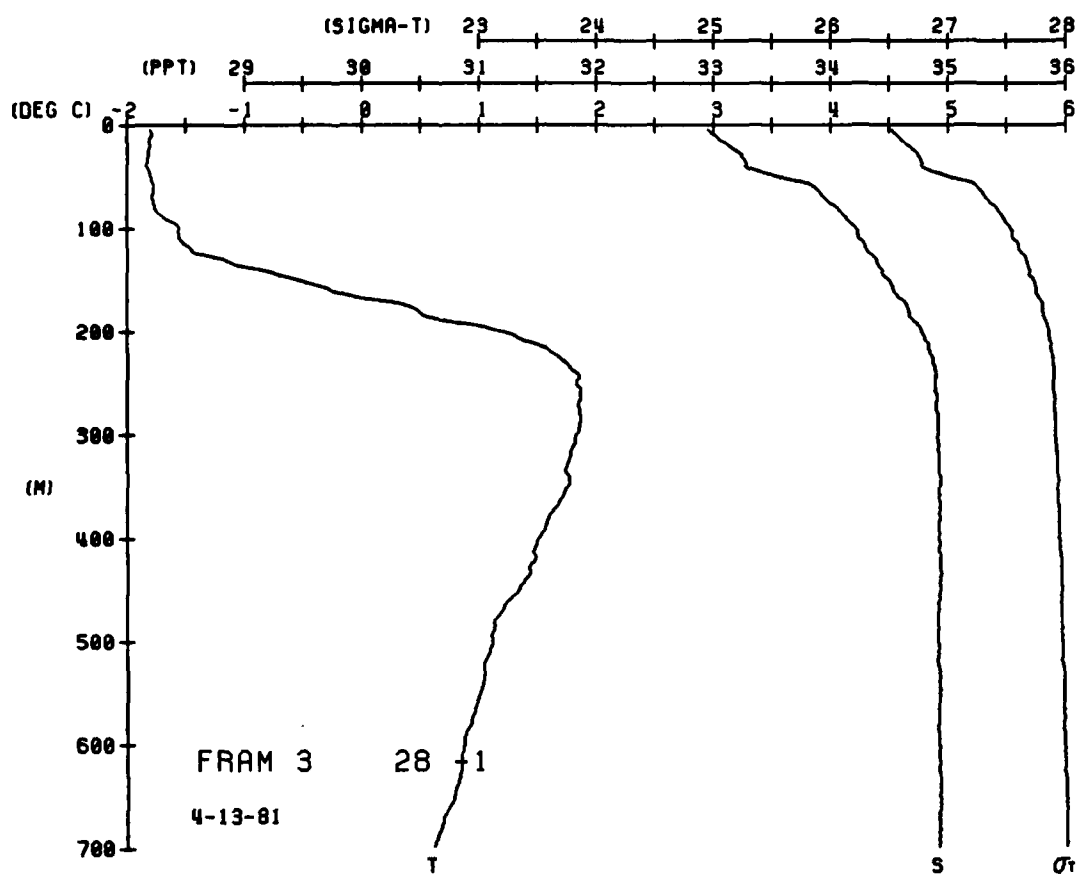
CR 10

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308

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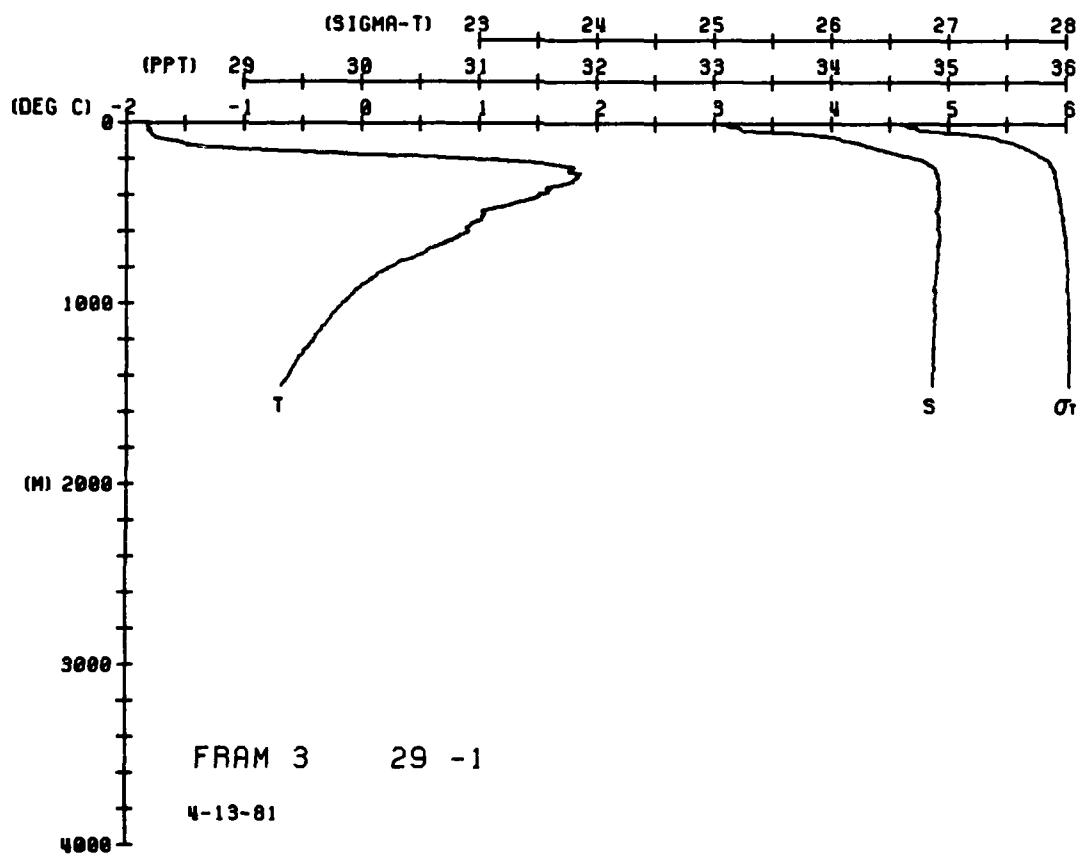
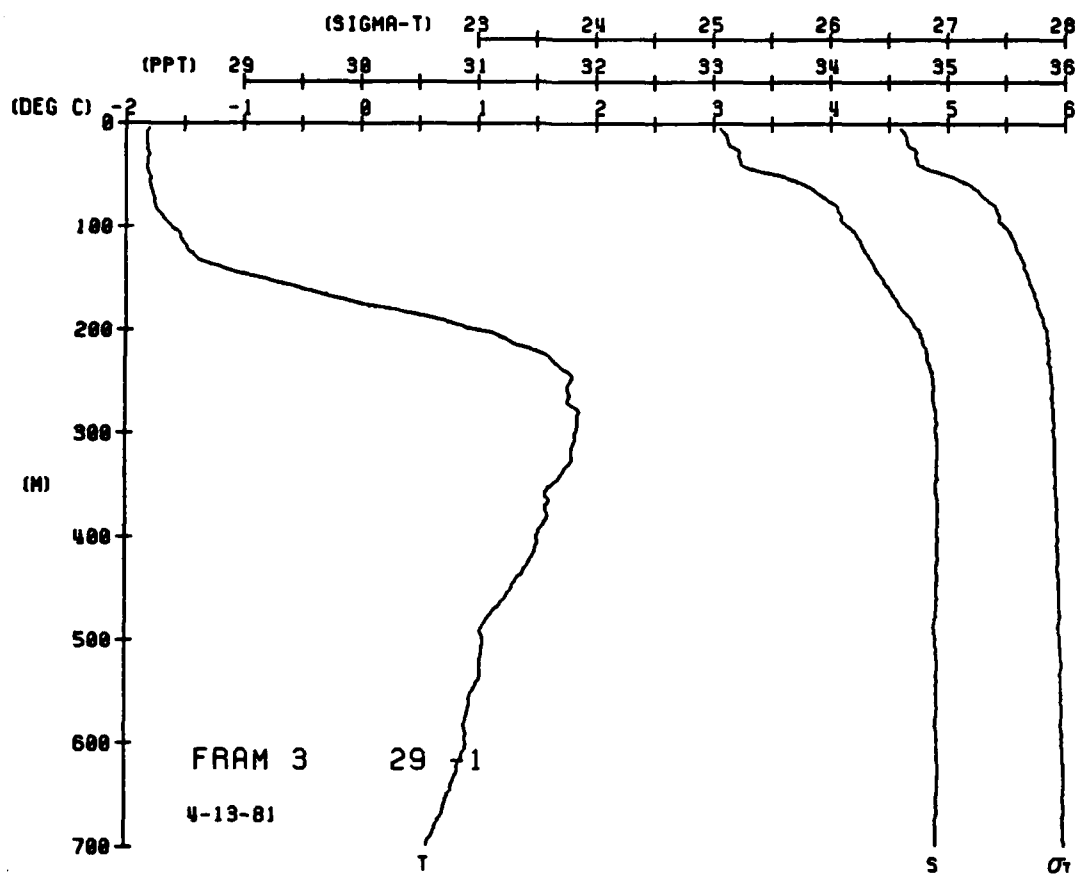


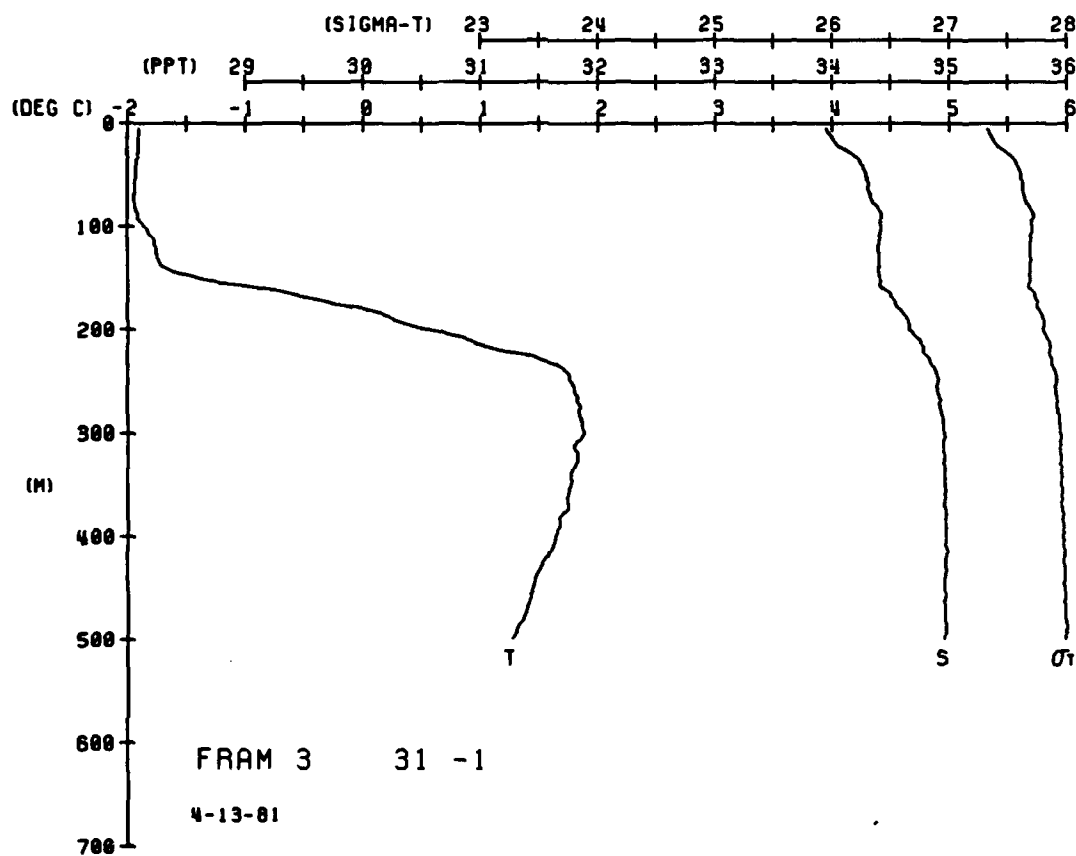
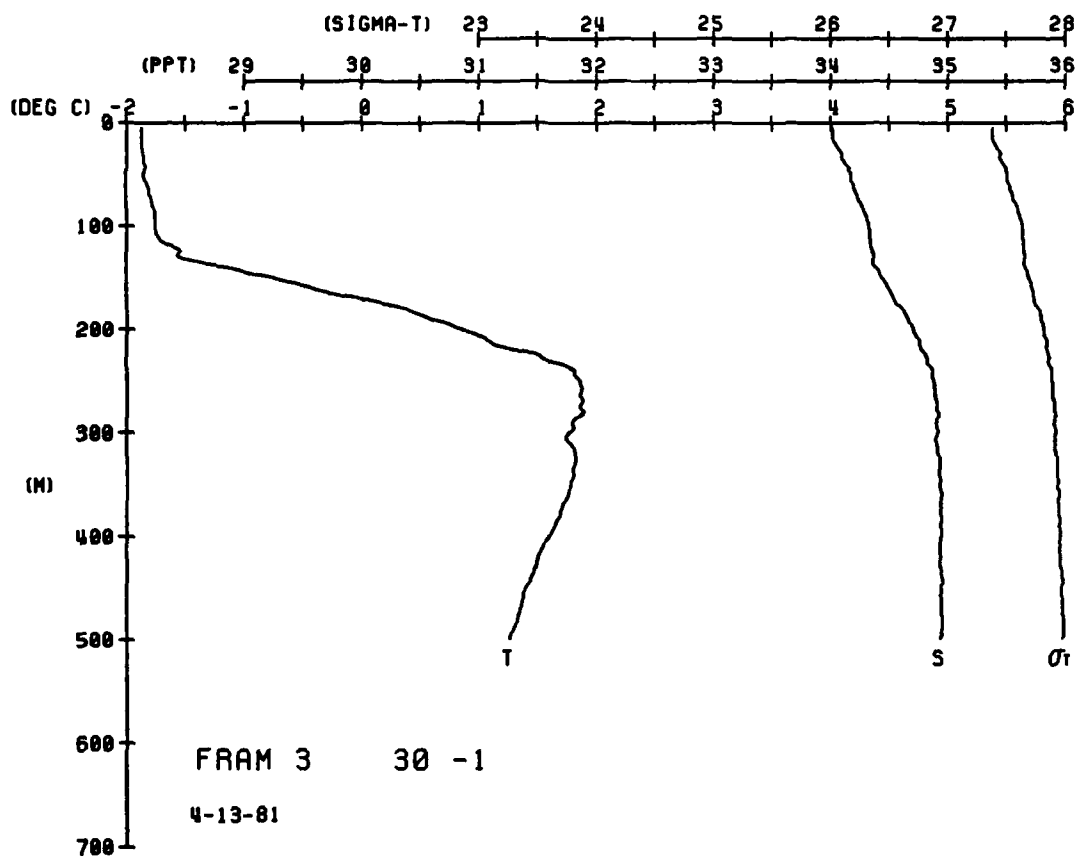
FROM 3 STATION 30(1) CTD 13/APR/1981 2225 GMT CODE = 5
LAT = 83.0700N LNG = 22.3950E LTER = 300. UGRK = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNT	SOUND
0	1.87	-1.87	34.01	27.38	8	0.000	1439.7
0	1.87	-1.87	34.01	27.38	8	0.003	1439.7
0	1.87	-1.87	34.02	27.39	8	0.007	1439.7
10	1.87	-1.87	34.04	27.40	8	0.010	1439.7
20	1.87	-1.87	34.04	27.42	8	0.017	1439.7
30	1.86	-1.86	34.04	27.45	8	0.023	1439.7
40	1.86	-1.86	34.04	27.45	8	0.026	1439.7
50	1.85	-1.85	34.04	27.45	8	0.029	1439.7
60	1.85	-1.85	34.04	27.45	8	0.032	1439.7
70	1.81	-1.81	34.04	27.54	8	0.036	1439.7
80	1.78	-1.78	34.04	27.56	8	0.043	1439.7
90	1.76	-1.76	34.04	27.59	8	0.046	1439.7
100	1.76	-1.76	34.04	27.62	8	0.051	1439.7
110	1.76	-1.76	34.04	27.63	8	0.057	1439.7
120	1.73	-1.73	34.04	27.64	8	0.066	1439.7
130	1.55	-1.55	34.04	27.65	8	0.075	1439.7
140	1.33	-1.33	34.04	27.67	8	0.082	1439.7
150	1.17	-1.17	34.04	27.72	8	0.086	1439.7
160	0.41	-0.41	34.04	27.74	8	0.086	1439.7
170	0.38	-0.38	34.04	27.74	8	0.086	1439.7
180	0.38	-0.38	34.04	27.74	8	0.086	1439.7
190	0.38	-0.38	34.04	27.74	8	0.086	1439.7
200	0.38	-0.38	34.04	27.74	8	0.086	1439.7
210	0.38	-0.38	34.04	27.74	8	0.086	1439.7
220	0.38	-0.38	34.04	27.74	8	0.086	1439.7
230	0.38	-0.38	34.04	27.74	8	0.086	1439.7
240	0.38	-0.38	34.04	27.74	8	0.086	1439.7
250	0.38	-0.38	34.04	27.74	8	0.086	1439.7
260	0.38	-0.38	34.04	27.74	8	0.086	1439.7
270	0.38	-0.38	34.04	27.74	8	0.086	1439.7
280	0.38	-0.38	34.04	27.74	8	0.086	1439.7
290	0.38	-0.38	34.04	27.74	8	0.086	1439.7
300	0.38	-0.38	34.04	27.74	8	0.086	1439.7
310	0.38	-0.38	34.04	27.74	8	0.086	1439.7
320	0.38	-0.38	34.04	27.74	8	0.086	1439.7
330	0.38	-0.38	34.04	27.74	8	0.086	1439.7
340	0.38	-0.38	34.04	27.74	8	0.086	1439.7
350	0.38	-0.38	34.04	27.74	8	0.086	1439.7
360	0.38	-0.38	34.04	27.74	8	0.086	1439.7
370	0.38	-0.38	34.04	27.74	8	0.086	1439.7
380	0.38	-0.38	34.04	27.74	8	0.086	1439.7
390	0.38	-0.38	34.04	27.74	8	0.086	1439.7
400	0.38	-0.38	34.04	27.74	8	0.086	1439.7
410	0.38	-0.38	34.04	27.74	8	0.086	1439.7
420	0.38	-0.38	34.04	27.74	8	0.086	1439.7
430	0.38	-0.38	34.04	27.74	8	0.086	1439.7
440	0.38	-0.38	34.04	27.74	8	0.086	1439.7
450	0.38	-0.38	34.04	27.74	8	0.086	1439.7
460	0.38	-0.38	34.04	27.74	8	0.086	1439.7
470	0.38	-0.38	34.04	27.74	8	0.086	1439.7
480	0.38	-0.38	34.04	27.74	8	0.086	1439.7
490	0.38	-0.38	34.04	27.74	8	0.086	1439.7
500	0.38	-0.38	34.04	27.74	8	0.086	1439.7

FROM 3 STATION 31(1) CTD 13/APR/1981 2334 GMT CODE = 5
LAT = 83.0917N LNG = 19.9483E LTER = 300. UGRK = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNT	SOUND
0	1.90	-1.90	34.94	27.33	9	0.000	1438.9
0	1.90	-1.90	34.94	27.33	9	0.003	1438.9
0	1.90	-1.90	34.94	27.33	9	0.007	1438.9
10	1.90	-1.90	34.94	27.33	9	0.011	1438.9
20	1.90	-1.90	34.94	27.33	9	0.014	1438.9
30	1.90	-1.90	34.94	27.33	9	0.018	1438.9
40	1.90	-1.90	34.94	27.33	9	0.023	1438.9
50	1.90	-1.90	34.94	27.33	9	0.026	1438.9
60	1.90	-1.90	34.94	27.33	9	0.028	1438.9
70	1.90	-1.90	34.94	27.33	9	0.032	1438.9
80	1.90	-1.90	34.94	27.33	9	0.035	1438.9
90	1.90	-1.90	34.94	27.33	9	0.037	1438.9
100	1.90	-1.90	34.94	27.33	9	0.042	1438.9
110	1.90	-1.90	34.94	27.33	9	0.044	1438.9
120	1.90	-1.90	34.94	27.33	9	0.046	1438.9
130	1.90	-1.90	34.94	27.33	9	0.049	1438.9
140	1.90	-1.90	34.94	27.33	9	0.051	1438.9
150	1.90	-1.90	34.94	27.33	9	0.053	1438.9
160	1.90	-1.90	34.94	27.33	9	0.055	1438.9
170	1.90	-1.90	34.94	27.33	9	0.059	1438.9
180	1.90	-1.90	34.94	27.33	9	0.066	1438.9
190	1.90	-1.90	34.94	27.33	9	0.074	1438.9
200	1.90	-1.90	34.94	27.33	9	0.078	1438.9
210	1.90	-1.90	34.94	27.33	9	0.084	1438.9
220	1.90	-1.90	34.94	27.33	9	0.087	1438.9
230	1.90	-1.90	34.94	27.33	9	0.092	1438.9
240	1.90	-1.90	34.94	27.33	9	0.094	1438.9
250	1.90	-1.90	34.94	27.33	9	0.097	1438.9
260	1.90	-1.90	34.94	27.33	9	0.099	1438.9
270	1.90	-1.90	34.94	27.33	9	0.102	1438.9
280	1.90	-1.90	34.94	27.33	9	0.104	1438.9
290	1.90	-1.90	34.94	27.33	9	0.106	1438.9
300	1.90	-1.90	34.94	27.33	9	0.108	1438.9
310	1.90	-1.90	34.94	27.33	9	0.109	1438.9
320	1.90	-1.90	34.94	27.33	9	0.111	1438.9
330	1.90	-1.90	34.94	27.33	9	0.112	1438.9
340	1.90	-1.90	34.94	27.33	9	0.114	1438.9
350	1.90	-1.90	34.94	27.33	9	0.115	1438.9
360	1.90	-1.90	34.94	27.33	9	0.117	1438.9
370	1.90	-1.90	34.94	27.33	9	0.118	1438.9
380	1.90	-1.90	34.94	27.33	9	0.119	1438.9
390	1.90	-1.90	34.94	27.33	9	0.120	1438.9
400	1.90	-1.90	34.94	27.33	9	0.123	1438.9
410	1.90	-1.90	34.94	27.33	9	0.124	1438.9
420	1.90	-1.90	34.94	27.33	9	0.125	1438.9
430	1.90	-1.90	34.94	27.33	9	0.126	1438.9
440	1.90	-1.90	34.94	27.33	9	0.127	1438.9
450	1.90	-1.90	34.94	27.33	9	0.128	1438.9
460	1.90	-1.90	34.94	27.33	9	0.129	1438.9
470	1.90	-1.90	34.94	27.33	9	0.130	1438.9
480	1.90	-1.90	34.94	27.33	9	0.131	1438.9
490	1.90	-1.90	34.94	27.33	9	0.132	1438.9
500	1.90	-1.90	34.94	27.33	9	0.133	1438.9



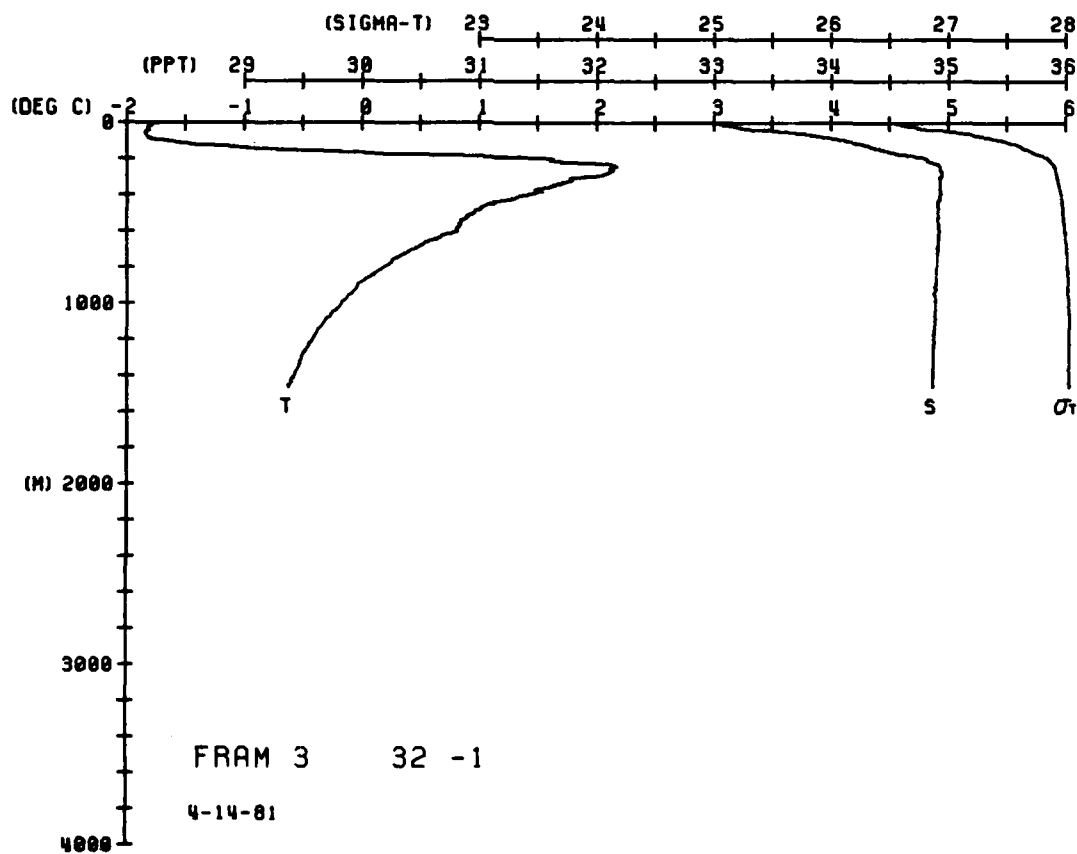
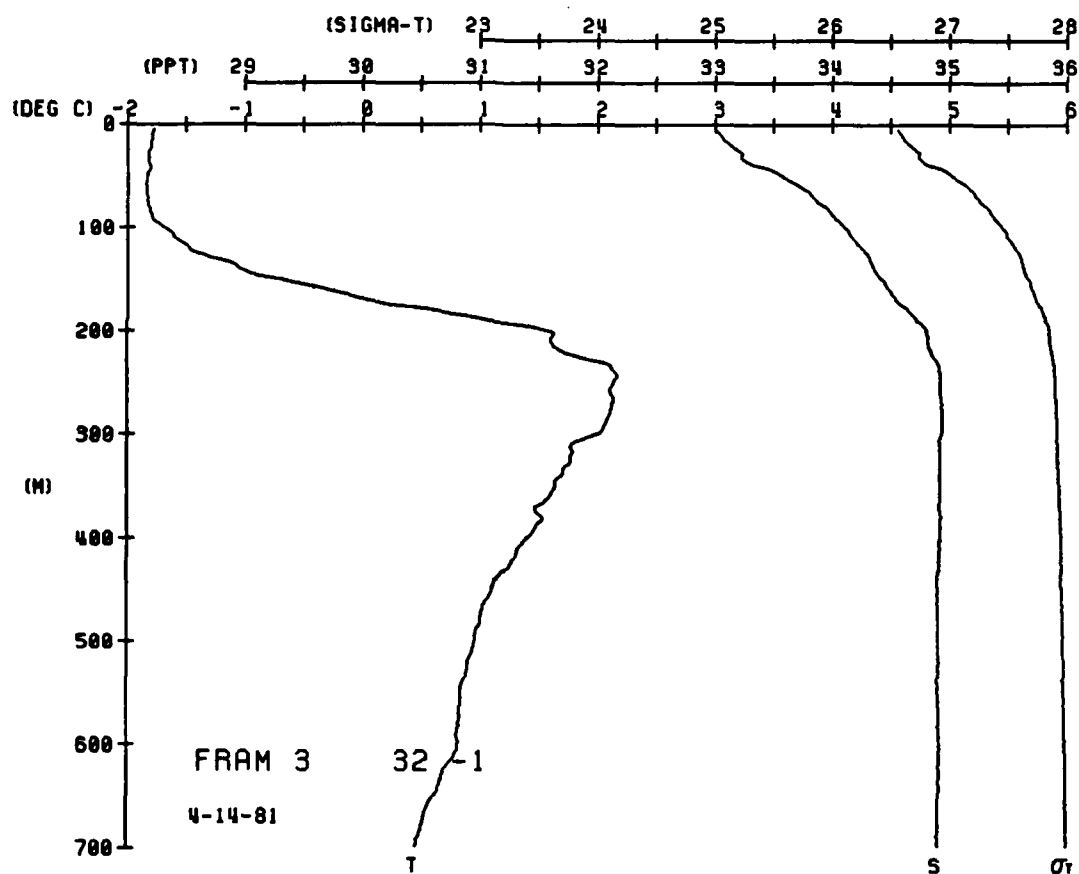


FRAM 3 STATION 33(1) CTU 14/APR/1981 943 GMT CODE = 5
LAT = 83.0363N LNG = 0.0 BAKOM = 0.0 LGER = 30.
AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHMT	SOUND
0	1.78	-1.78	33.03	26.58	145.9	0.000	1438.2
4	1.80	-1.80	33.04	26.59	144.9	0.000	1438.3
5	1.81	-1.81	33.05	26.60	144.0	0.000	1438.4
10	1.82	-1.82	33.10	26.64	143.5	0.000	1438.6
15	1.83	-1.83	33.15	26.69	143.0	0.000	1438.7
20	1.84	-1.84	33.20	26.74	142.5	0.000	1438.8
25	1.85	-1.85	33.25	26.78	142.0	0.000	1438.9
30	1.86	-1.86	33.30	26.83	141.5	0.000	1439.0
35	1.87	-1.87	33.35	26.88	141.0	0.000	1439.1
40	1.88	-1.88	33.40	26.93	140.5	0.000	1439.2
45	1.89	-1.89	33.45	26.98	140.0	0.000	1439.3
50	1.90	-1.90	33.50	27.03	139.5	0.000	1439.4
55	1.91	-1.91	33.55	27.08	139.0	0.000	1439.5
60	1.92	-1.92	33.60	27.13	138.5	0.000	1439.6
65	1.93	-1.93	33.65	27.18	138.0	0.000	1439.7
70	1.94	-1.94	33.70	27.23	137.5	0.000	1439.8
75	1.95	-1.95	33.75	27.28	137.0	0.000	1439.9
80	1.96	-1.96	33.80	27.33	136.5	0.000	1440.0
85	1.97	-1.97	33.85	27.38	136.0	0.000	1440.1
90	1.98	-1.98	33.90	27.43	135.5	0.000	1440.2
95	1.99	-1.99	33.95	27.48	135.0	0.000	1440.3
100	2.00	-2.00	34.00	27.53	134.5	0.000	1440.4
110	2.02	-2.02	34.02	27.55	134.0	0.000	1440.5
120	2.04	-2.04	34.04	27.57	133.5	0.000	1440.6
130	2.06	-2.06	34.06	27.59	133.0	0.000	1440.7
140	2.08	-2.08	34.08	27.61	132.5	0.000	1440.8
150	2.10	-2.10	34.10	27.63	132.0	0.000	1440.9
160	2.12	-2.12	34.12	27.65	131.5	0.000	1441.0
170	2.14	-2.14	34.14	27.67	131.0	0.000	1441.1
180	2.16	-2.16	34.16	27.69	130.5	0.000	1441.2
190	2.18	-2.18	34.18	27.71	130.0	0.000	1441.3
200	2.20	-2.20	34.20	27.73	129.5	0.000	1441.4
210	2.22	-2.22	34.22	27.75	129.0	0.000	1441.5
220	2.24	-2.24	34.24	27.77	128.5	0.000	1441.6
230	2.26	-2.26	34.26	27.79	128.0	0.000	1441.7
240	2.28	-2.28	34.28	27.81	127.5	0.000	1441.8
250	2.30	-2.30	34.30	27.83	127.0	0.000	1441.9
260	2.32	-2.32	34.32	27.85	126.5	0.000	1442.0
270	2.34	-2.34	34.34	27.87	126.0	0.000	1442.1
280	2.36	-2.36	34.36	27.89	125.5	0.000	1442.2
290	2.38	-2.38	34.38	27.91	125.0	0.000	1442.3
300	2.40	-2.40	34.40	27.93	124.5	0.000	1442.4
310	2.42	-2.42	34.42	27.95	124.0	0.000	1442.5
320	2.44	-2.44	34.44	27.97	123.5	0.000	1442.6
330	2.46	-2.46	34.46	27.99	123.0	0.000	1442.7
340	2.48	-2.48	34.48	28.01	122.5	0.000	1442.8
350	2.50	-2.50	34.50	28.03	122.0	0.000	1442.9
360	2.52	-2.52	34.52	28.05	121.5	0.000	1443.0
370	2.54	-2.54	34.54	28.07	121.0	0.000	1443.1
380	2.56	-2.56	34.56	28.09	120.5	0.000	1443.2
390	2.58	-2.58	34.58	28.11	120.0	0.000	1443.3
400	2.60	-2.60	34.60	28.13	119.5	0.000	1443.4
410	2.62	-2.62	34.62	28.15	119.0	0.000	1443.5
420	2.64	-2.64	34.64	28.17	118.5	0.000	1443.6
430	2.66	-2.66	34.66	28.19	118.0	0.000	1443.7
440	2.68	-2.68	34.68	28.21	117.5	0.000	1443.8
450	2.70	-2.70	34.70	28.23	117.0	0.000	1443.9
460	2.72	-2.72	34.72	28.25	116.5	0.000	1444.0
470	2.74	-2.74	34.74	28.27	116.0	0.000	1444.1
480	2.76	-2.76	34.76	28.29	115.5	0.000	1444.2
490	2.78	-2.78	34.78	28.31	115.0	0.000	1444.3
492	2.79	-2.79	34.79	28.32	114.9	0.000	1444.4

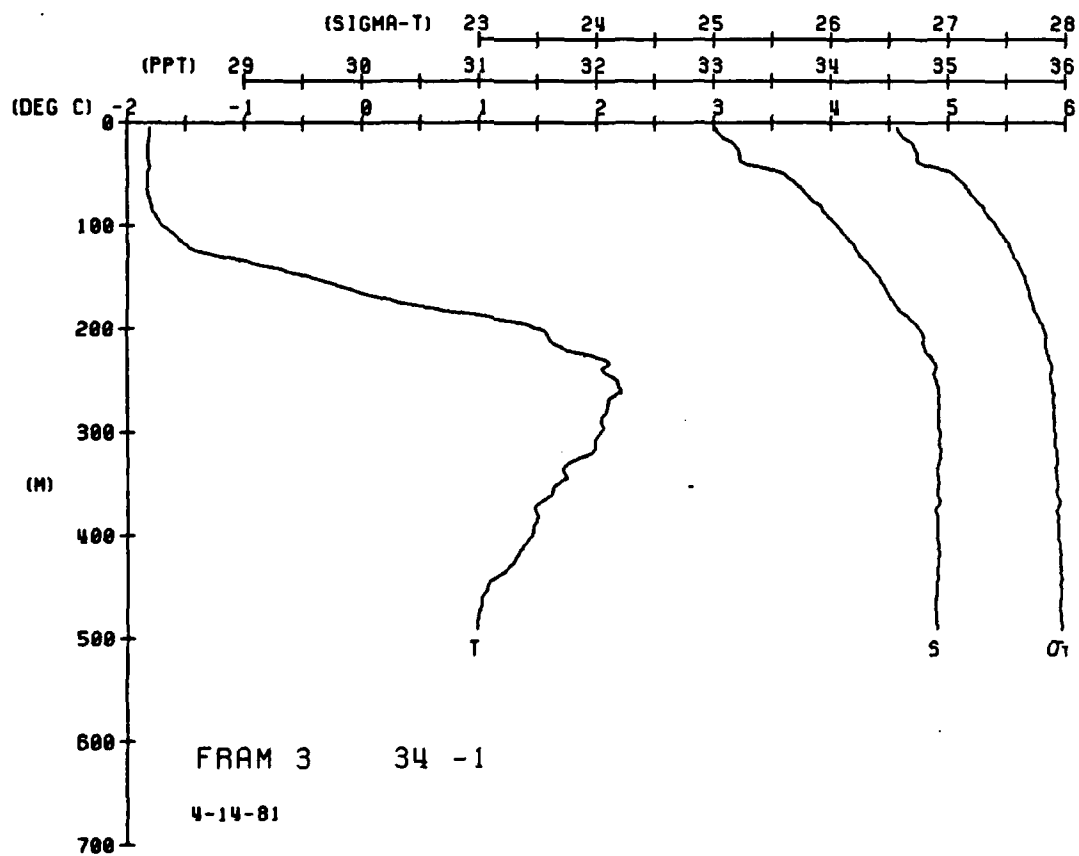
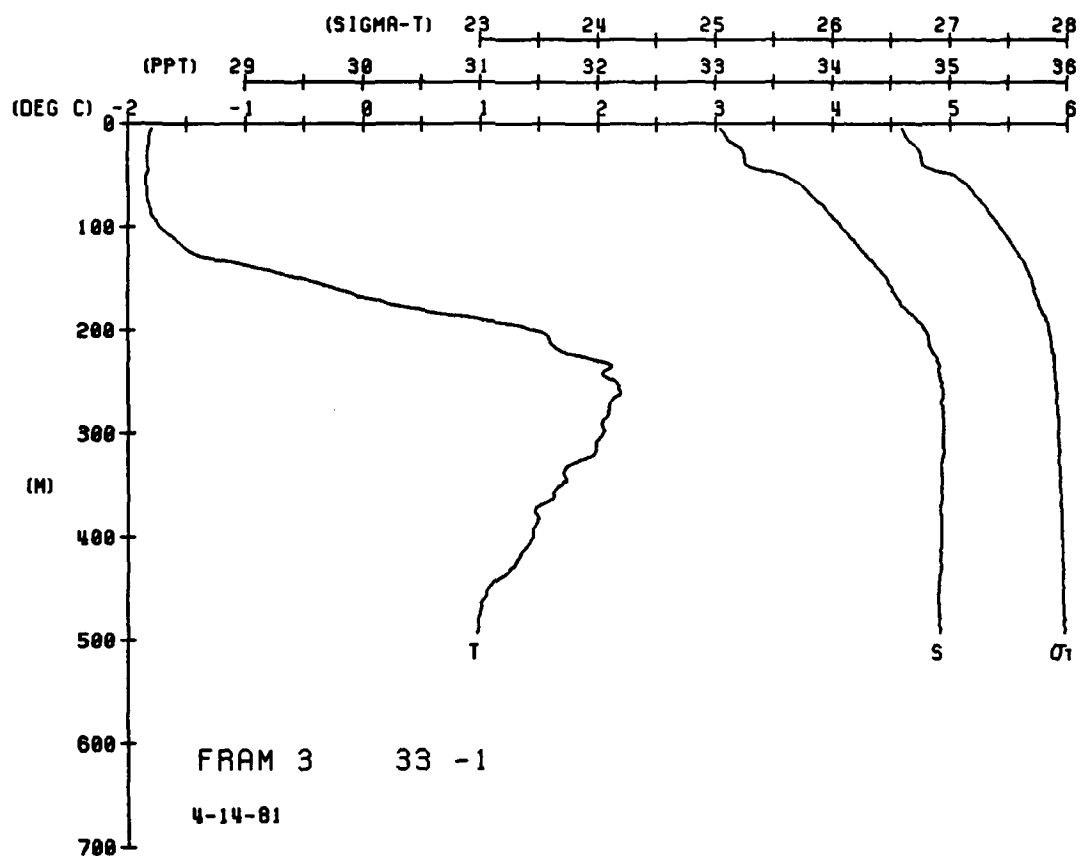
FRAM 3 STATION 34(1) CTU 14/APR/1981 946 GMT CODE = 5
LAT = 83.0363N LNG = 0.0 BAKOM = 0.0 LGER = 30.
AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHMT	SOUND
0	1.80	-1.81	33.01	26.56	146.3	0.000	1438.1
4	1.80	-1.81	33.02	26.57	145.3	0.000	1438.2
5	1.81	-1.81	33.03	26.58	144.3	0.000	1438.3
10	1.82	-1.81	33.07	26.62	143.7	0.000	1438.4
15	1.82	-1.82	33.11	26.66	143.1	0.000	1438.5
20	1.82	-1.82	33.15	26.70	142.5	0.000	1438.6
25	1.82	-1.82	33.19	26.74	141.9	0.000	1438.7
30	1.82	-1.82	33.23	26.78	141.3	0.000	1438.8
35	1.82	-1.82	33.27	26.82	140.7	0.000	1438.9
40	1.83	-1.83	33.31	26.86	140.1	0.000	1439.0
45	1.83	-1.83	33.35	26.90	139.5	0.000	1439.1
50	1.83	-1.83	33.39	26.94	138.9	0.000	1439.2
55	1.83	-1.83	33.43	26.98	138.3	0.000	1439.3
60	1.83	-1.83	33.47	27.02	137.7	0.000	1439.4
65	1.83	-1.83	33.51	27.06	137.1	0.000	1439.5
70	1.83	-1.83	33.55	27.10	136.5	0.000	1439.6
75	1.83	-1.83	33.59	27.14	135.9	0.000	1439.7
80	1.83	-1.83	33.63	27.18	135.3	0.000	1439.8
85	1.83	-1.83	33.67	27.22	134.7	0.000	1439.9
90	1.83	-1.83	33.71	27.26	134.1	0.000	1440.0
95	1.83	-1.83	33.75	27.30	133.5	0.000	1440.1
100	1.83	-1.83	33.79	27.34	132.9	0.000	1440.2
110	1.83	-1.83	33.83	27.38	132.3	0.000	1440.3
120	1.83	-1.83	33.87	27.42	131.7	0.000	1440.4
130	1.83	-1.83	33.91	27.46	131.1	0.000	1440.5
140	1.83	-1.83	33.95	27.50	130.5	0.000	1440.6
150	1.83	-1.83	33.99	27.54	129.9	0.000	1440.7
160	1.83	-1.83	34.03	27.58	129.3	0.000	1440.8
170	1.83	-1.83	34.07	27.62	128.7	0.000	1440.9
180	1.83	-1.83	34.11	27.66	128.1	0.000	1441.0
190	1.83	-1.83	34.15	27.70	127.5	0.000	1441.1
200	1.83	-1.83	34.19	27.74	126.9	0.000	1441.2
210	1.83	-1.83	34.23	27.78	126.3	0.000	1441.3
220	1.83	-1.83	34.27	27.82	125.7	0.000	1441.4
230	1.83	-1.83	34.31	27.86	125.1	0.000	1441.5
240	1.83	-1.83	34.35	27.90	124.5	0.000	1441.6
250	1.83	-1.83	34.39	27.94	123.9	0.000	1441.7
260	1.83	-1.83	34.43	27.98	123.3	0.000	1441.8
270	1.83	-1.83	34.47	28.02	122.7	0.000	1441.9
280	1.83	-1.83	34.51	28.06	122.1	0.000	1442.0
290	1.83	-1.83	34.55	28.10	121.5	0.000	1442.1
300	1.83	-1.83	34.59	28.14	120.9	0.000	1442.2
310	1.83	-1.83	34.63	28.18	120.3	0.000	1442.3
320	1.83	-1.83	34.67	28.22	119.7	0.000	1442.4
330	1.83	-1.83	34.71	28.26	119.1	0.000	1442.5
340	1.83	-1.83	34.75	28.30	118.5	0.000	1442.6
350	1.83	-1.83	34.79	28.34	117.9	0.000	1442.7
360	1.83	-1.83	34.83	28.38	117.3	0.000	1442.8
370	1.83	-1.83	34.87	28.42	116.7	0.000	1442.9
380	1.83	-1.83	34.91	28.46	116.1	0.000	1443.0
390	1.83	-1.83	34.95	28.50	115.5	0.000	1443.1
400	1.83	-1.83	34.99	28.54	114.9	0.000	1443.2
410	1.83	-1.83	35.03	28.58	114.3	0.000	1443.3
420	1.83	-1.83	35.07	28.62	113.7	0.000	1443.4
430	1.83	-1.83	35.11	28.66	113.1	0.000	1443.5
440	1.83	-1.83	35.15	28.70	112.5	0.000	1443.6
450	1.83	-1.83	35.19	28.74	111.9	0.000	1443.7
460	1.83	-1.83	35.23	28.78	111.3	0.000	1443.8
470	1.83	-1.83	35.27	28.82	110.7	0.000	1443.9
480	1.83	-1.83	35.31	28.86	110.1	0.000	1444.0
490	1.83	-1.83	35.35	28.90	109.5	0.000	1444.1
492	1.83	-1.83	35.39	28.94	108.9	0.000	1444.2



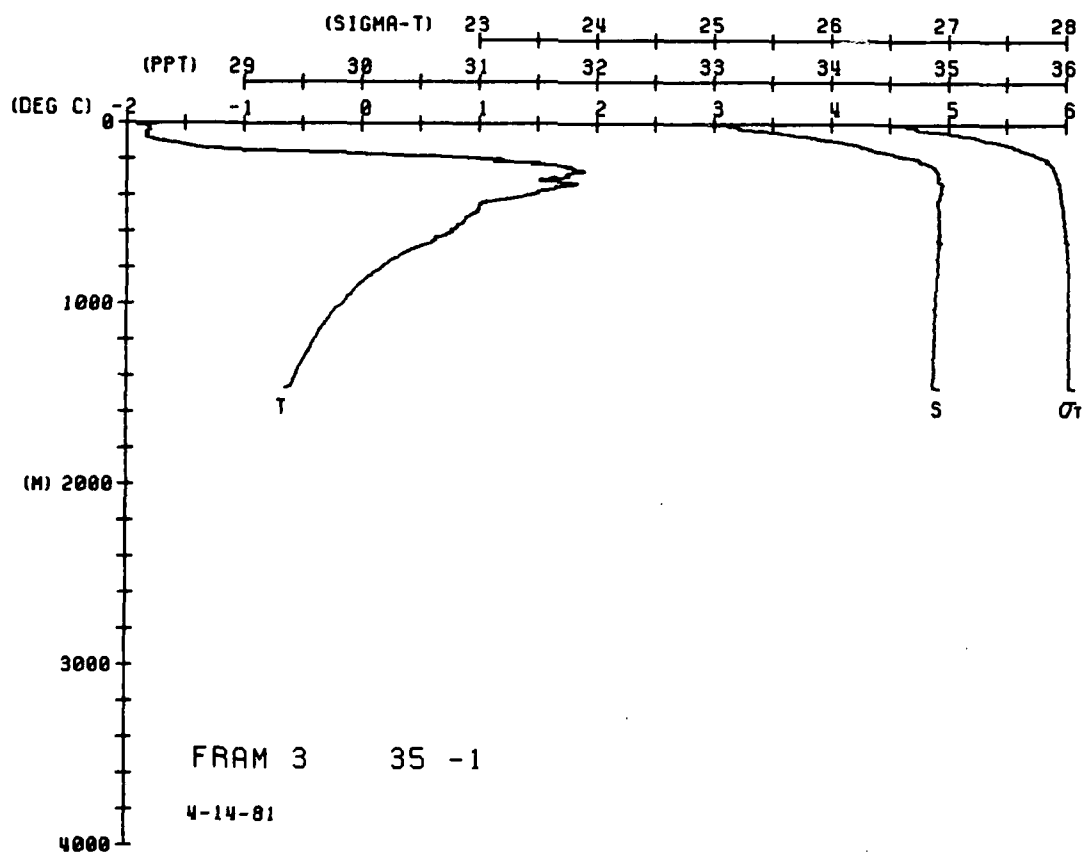
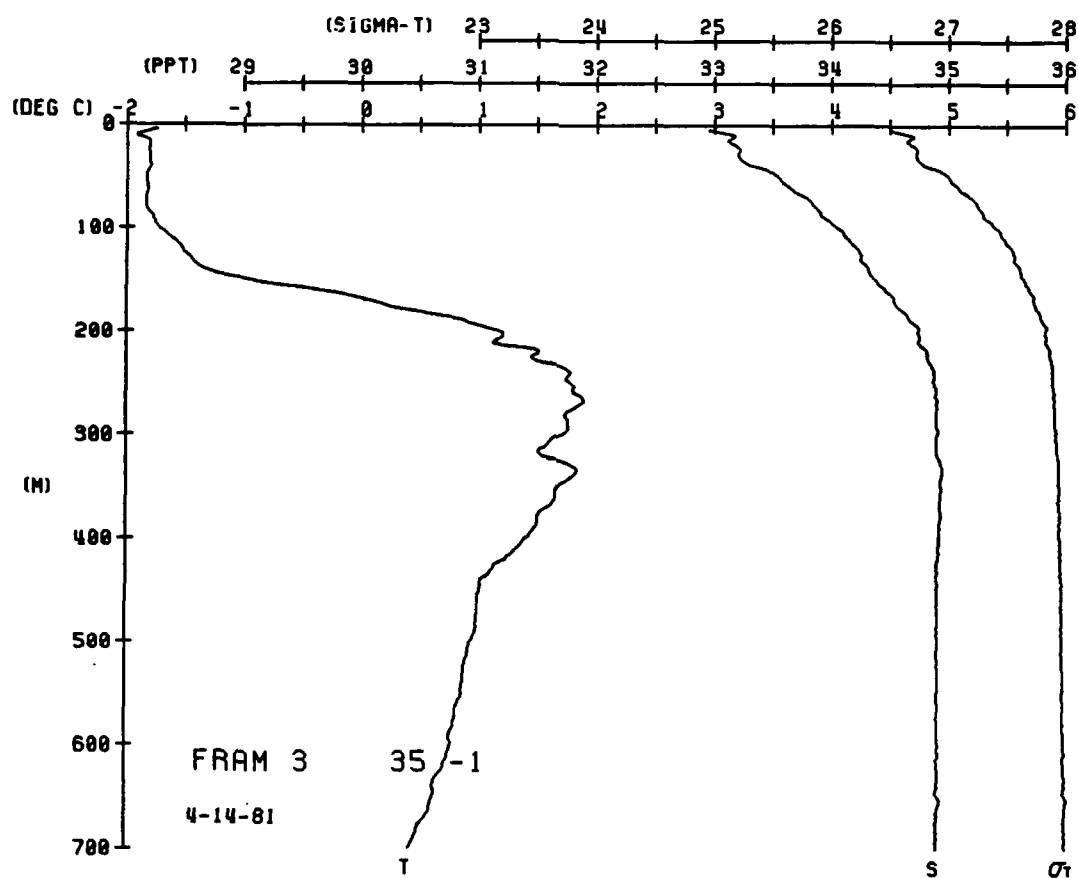
PHAM 3 STATION 35(1) CTD 14/APH/1981 1355 GMT CUDE = 5
 LAT = 83.0283N LNG = 7.0777E LTER = 30.0
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
0	1.74	1.74	32.96	26.52	150.5	0.000	1438.3	0.38	0.35	34.91	28.01	9.8	0.228	1462.7
5	1.74	1.74	32.96	26.52	150.5	0.008	1438.4	0.31	0.27	34.90	28.01	9.9	0.228	1462.9
10	1.74	1.74	32.96	26.52	150.5	0.015	1438.5	0.18	0.14	34.91	28.01	9.9	0.228	1463.1
15	1.80	1.81	33.12	26.67	152.3	0.022	1438.7	0.08	0.04	34.90	28.03	7.7	0.236	1463.5
20	1.81	1.81	33.12	26.67	152.3	0.028	1438.7	-0.02	-0.03	34.91	28.03	6.9	0.240	1463.9
25	1.81	1.80	33.12	26.67	152.3	0.034	1438.8	-0.03	-0.13	34.90	28.03	6.6	0.244	1464.4
30	1.80	1.80	33.12	26.67	152.3	0.042	1438.9	-0.15	-0.20	34.90	28.03	6.4	0.247	1464.8
35	1.80	1.80	33.12	26.67	152.3	0.048	1439.0	-0.23	-0.28	34.90	28.04	5.6	0.253	1465.4
40	1.82	1.82	33.34	26.89	158.8	0.054	1439.4	-0.34	-0.34	34.90	28.04	5.5	0.256	1465.9
45	1.84	1.84	33.55	27.00	168.3	0.066	1439.5	-0.40	-0.45	34.89	28.04	5.0	0.258	1466.2
50	1.84	1.84	33.55	27.00	168.3	0.071	1439.7	-0.43	-0.47	34.89	28.04	5.3	0.261	1466.5
55	1.82	1.82	33.67	27.03	166.9	0.076	1439.9	-0.48	-0.54	34.88	28.04	4.9	0.263	1466.9
60	1.82	1.82	33.67	27.03	166.9	0.085	1440.1	-0.52	-0.58	34.88	28.04	4.4	0.266	1467.3
65	1.83	1.83	33.80	27.13	175.5	0.095	1440.2	-0.56	-0.62	34.88	28.04	3.9	0.268	1467.7
70	1.83	1.83	33.80	27.13	175.5	0.105	1440.4	-0.60	-0.66	34.88	28.04	3.1	0.270	1468.1
75	1.83	1.83	33.80	27.13	175.5	0.115	1440.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
80	1.80	1.80	33.80	27.13	175.5	0.125	1440.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
85	1.77	1.77	33.96	27.30	182.7	0.137	1440.6	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
90	1.77	1.77	33.96	27.30	182.7	0.147	1441.1	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
95	1.77	1.77	33.96	27.30	182.7	0.157	1441.3	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
100	1.77	1.77	33.96	27.30	182.7	0.167	1441.3	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
110	1.61	1.61	34.42	27.48	205.5	0.177	1442.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
120	1.54	1.54	34.42	27.48	205.5	0.187	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
130	1.54	1.54	34.42	27.48	205.5	0.197	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
140	1.54	1.54	34.42	27.48	205.5	0.207	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
150	1.54	1.54	34.42	27.48	205.5	0.217	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
160	1.54	1.54	34.42	27.48	205.5	0.227	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
170	1.54	1.54	34.42	27.48	205.5	0.237	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
180	1.54	1.54	34.42	27.48	205.5	0.247	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
190	1.54	1.54	34.42	27.48	205.5	0.257	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
200	1.54	1.54	34.42	27.48	205.5	0.267	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
210	1.54	1.54	34.42	27.48	205.5	0.277	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
220	1.54	1.54	34.42	27.48	205.5	0.287	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
230	1.54	1.54	34.42	27.48	205.5	0.297	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
240	1.54	1.54	34.42	27.48	205.5	0.307	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
250	1.54	1.54	34.42	27.48	205.5	0.317	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
260	1.54	1.54	34.42	27.48	205.5	0.327	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
270	1.54	1.54	34.42	27.48	205.5	0.337	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
280	1.54	1.54	34.42	27.48	205.5	0.347	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
290	1.54	1.54	34.42	27.48	205.5	0.357	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
300	1.54	1.54	34.42	27.48	205.5	0.367	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
310	1.54	1.54	34.42	27.48	205.5	0.377	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
320	1.54	1.54	34.42	27.48	205.5	0.387	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
330	1.54	1.54	34.42	27.48	205.5	0.397	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
340	1.54	1.54	34.42	27.48	205.5	0.407	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
350	1.54	1.54	34.42	27.48	205.5	0.417	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
360	1.54	1.54	34.42	27.48	205.5	0.427	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
370	1.54	1.54	34.42	27.48	205.5	0.437	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
380	1.54	1.54	34.42	27.48	205.5	0.447	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
390	1.54	1.54	34.42	27.48	205.5	0.457	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
400	1.54	1.54	34.42	27.48	205.5	0.467	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
410	1.54	1.54	34.42	27.48	205.5	0.477	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
420	1.54	1.54	34.42	27.48	205.5	0.487	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
430	1.54	1.54	34.42	27.48	205.5	0.497	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
440	1.54	1.54	34.42	27.48	205.5	0.507	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
450	1.54	1.54	34.42	27.48	205.5	0.517	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
460	1.54	1.54	34.42	27.48	205.5	0.527	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
470	1.54	1.54	34.42	27.48	205.5	0.537	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
480	1.54	1.54	34.42	27.48	205.5	0.547	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
490	1.54	1.54	34.42	27.48	205.5	0.557	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
500	1.54	1.54	34.42	27.48	205.5	0.567	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
510	1.54	1.54	34.42	27.48	205.5	0.577	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
520	1.54	1.54	34.42	27.48	205.5	0.587	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
530	1.54	1.54	34.42	27.48	205.5	0.597	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
540	1.54	1.54	34.42	27.48	205.5	0.607	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
550	1.54	1.54	34.42	27.48	205.5	0.617	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
560	1.54	1.54	34.42	27.48	205.5	0.627	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
570	1.54	1.54	34.42	27.48	205.5	0.637	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
580	1.54	1.54	34.42	27.48	205.5	0.647	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
590	1.54	1.54	34.42	27.48	205.5	0.657	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5
600	1.54	1.54	34.42	27.48	205.5	0.667	1443.5	-0.66	-0.73	34.88	28.04	-1.6	0.270	1468.5



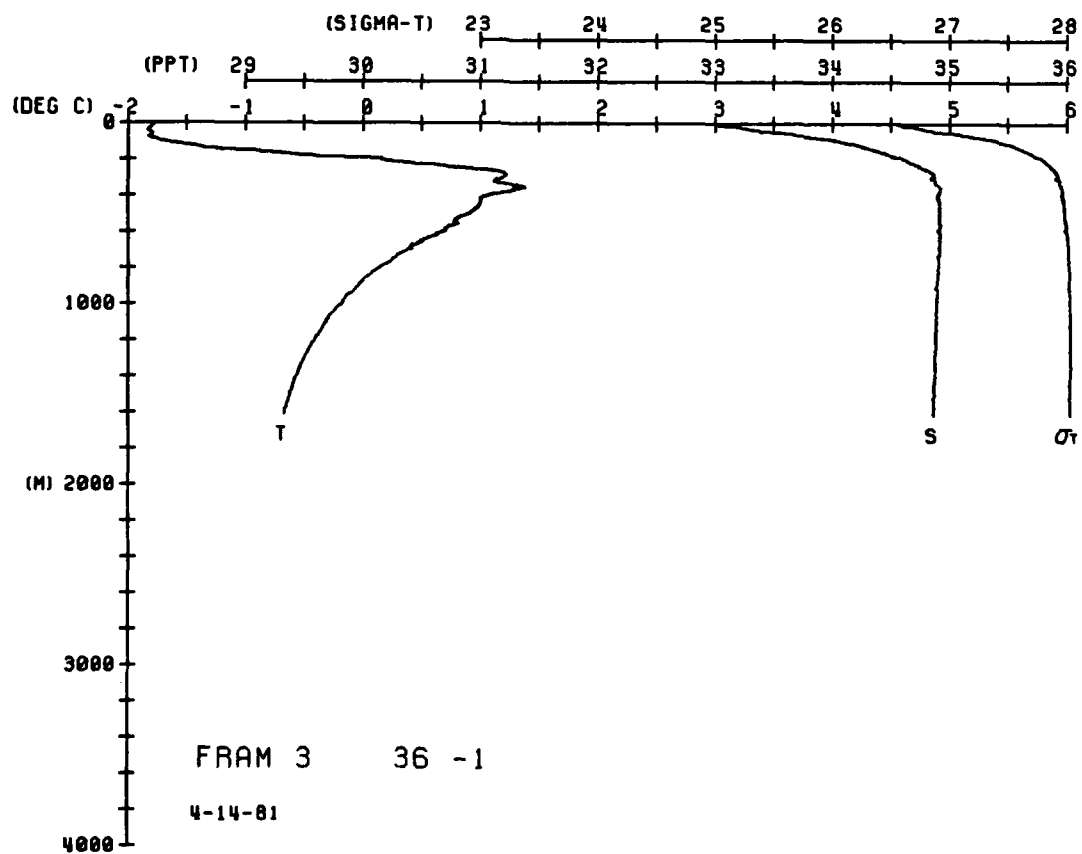
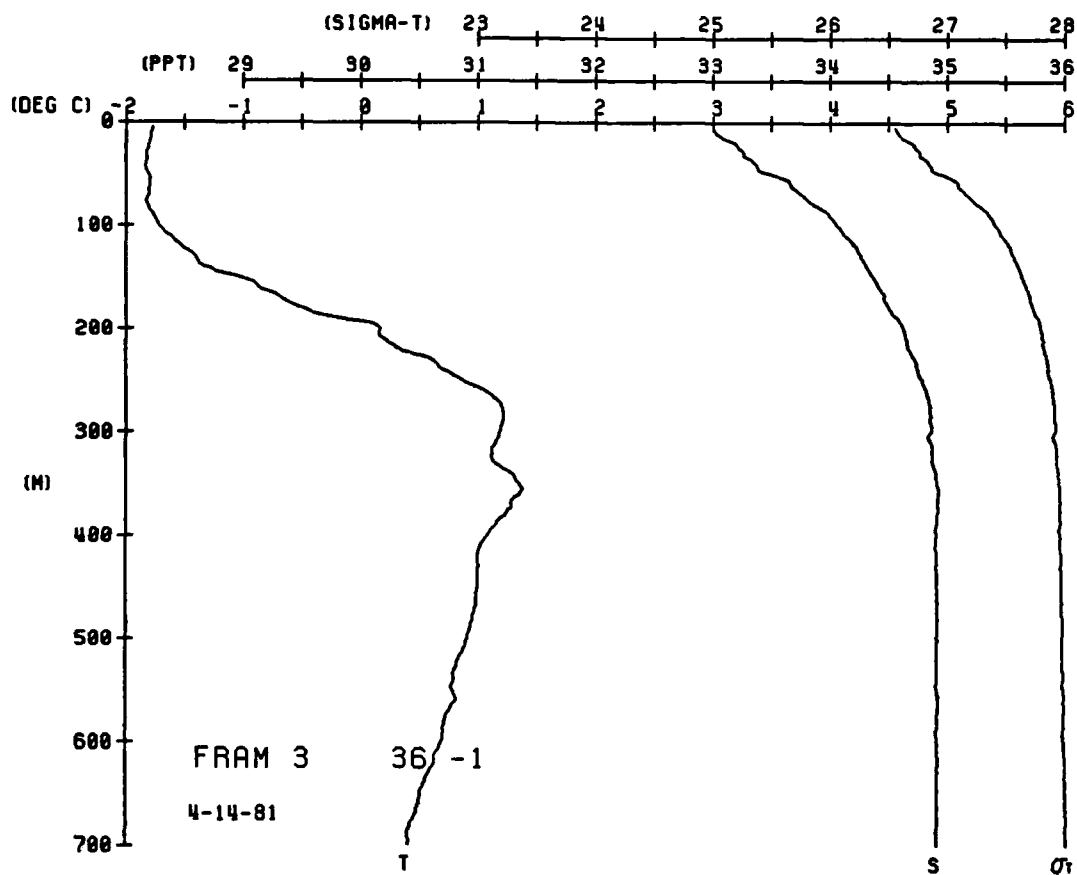
FRAM 3 STATION 36(1) CTU 14/APR/1981 1953 GMT CODE = 5
 LAT = 83.0122N LNG = 7.0238E LTER = 30.
 AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

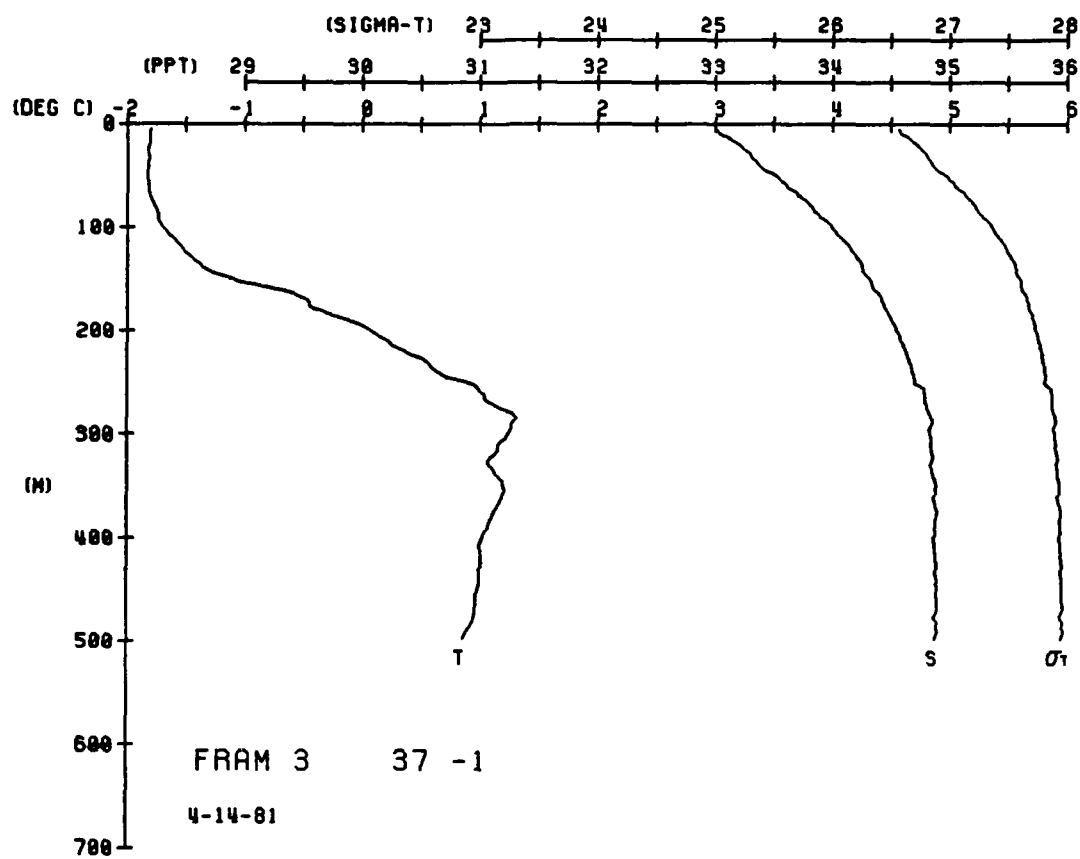
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	1.77	1.77	33.00	26.56	16.8	0.000	1438.3	710.0	0.37	0.34	34.91	28.02	9.1	0.266	1462.7
5	1.77	1.77	33.00	26.56	16.8	0.007	1438.3	740.0	0.24	0.25	34.91	28.02	8.6	0.229	1462.7
10	1.78	1.79	33.03	26.56	16.8	0.015	1438.4	790.0	0.17	0.13	34.91	28.02	8.1	0.233	1462.7
15	1.80	1.81	33.09	26.56	16.8	0.022	1438.5	840.0	0.06	0.02	34.90	28.03	7.6	0.237	1463.1
20	1.81	1.82	33.14	26.56	16.8	0.036	1438.7	890.0	-0.01	-0.05	34.90	28.03	7.1	0.241	1463.1
25	1.81	1.82	33.17	26.56	16.8	0.062	1438.8	940.0	-0.17	-0.14	34.90	28.03	6.4	0.248	1463.1
30	1.82	1.83	33.22	26.56	16.8	0.088	1438.9	990.0	-0.25	-0.21	34.89	28.04	6.1	0.251	1463.1
35	1.83	1.84	33.33	26.56	16.8	0.084	1439.0	1040.0	-0.34	-0.30	34.89	28.04	5.6	0.254	1463.1
40	1.83	1.83	33.37	26.56	16.8	0.086	1439.2	1090.0	-0.34	-0.41	34.89	28.04	5.2	0.257	1463.1
45	1.83	1.83	33.39	26.56	16.8	0.086	1439.3	1140.0	-0.40	-0.45	34.88	28.03	5.1	0.259	1463.1
50	1.80	1.79	33.50	26.56	16.8	0.086	1439.6	1190.0	-0.45	-0.50	34.88	28.03	5.1	0.262	1463.1
55	1.79	1.79	33.67	26.56	16.8	0.071	1439.9	1240.0	-0.49	-0.58	34.88	28.03	4.7	0.265	1463.1
60	1.79	1.80	33.67	26.56	16.8	0.070	1440.1	1290.0	-0.52	-0.58	34.88	28.03	4.7	0.267	1463.1
65	1.80	1.81	33.77	26.56	16.8	0.085	1440.2	1340.0	-0.54	-0.62	34.88	28.04	4.5	0.269	1463.1
70	1.80	1.81	33.88	26.56	16.8	0.084	1440.4	1390.0	-0.54	-0.64	34.87	28.04	4.3	0.272	1463.1
75	1.81	1.81	33.96	26.56	16.8	0.084	1440.4	1440.0	-0.62	-0.71	34.87	28.04	3.7	0.274	1463.1
80	1.81	1.80	33.98	26.56	16.8	0.084	1440.4	1490.0	-0.64	-0.71	34.87	28.04	3.6	0.276	1463.1
85	1.81	1.80	34.00	26.56	16.8	0.077	1440.5	1540.0	-0.68	-0.75	34.87	28.04	3.3	0.278	1463.1
90	1.76	1.74	34.07	26.56	16.8	0.104	1441.2	1590.0	-0.68	-0.68	34.87	28.04	3.3	0.278	1463.1
95	1.71	1.71	34.14	26.56	16.8	0.114	1441.5	1617.1							
100	1.63	1.62	34.27	26.56	16.8	0.115	1442.4								
110	1.52	1.52	34.43	26.56	16.8	0.115	1444.1								
120	1.43	1.43	34.53	26.56	16.8	0.115	1444.4								
130	1.32	1.32	34.63	26.56	16.8	0.115	1444.4								
140	1.22	1.22	34.74	26.56	16.8	0.115	1444.4								
150	1.06	1.06	34.83	26.56	16.8	0.115	1444.4								
160	0.86	0.86	34.91	26.56	16.8	0.115	1444.4								
170	0.68	0.68	34.91	26.56	16.8	0.115	1444.4								
180	0.49	0.49	34.91	26.56	16.8	0.115	1444.4								
190	0.30	0.30	34.91	26.56	16.8	0.115	1444.4								
200	0.17	0.17	34.91	26.56	16.8	0.115	1444.4								
210	0.03	0.03	34.91	26.56	16.8	0.115	1444.4								
220	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
230	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
240	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
250	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
260	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
270	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
280	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
290	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
300	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
310	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
320	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
330	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
340	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
350	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
360	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
370	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
380	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
390	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
400	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
410	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
420	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
430	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
440	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
450	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
460	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
470	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
480	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
490	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
500	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
510	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
520	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
530	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
540	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
550	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
560	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
570	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
580	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
590	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								
600	0.00	0.00	34.91	26.56	16.8	0.115	1444.4								



FRAM 3 STATION 37(1) CTD 14/APR/1981 2243 GMT CODE = 5
 LAT = 81.0060N LMG = 6.9910E LTER = 30. UGR = 30.
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	1.79	1.79	33.01	26.56	146.2	0.000	1438.1
4.0	1.79	1.79	33.01	26.57	146.1	0.006	1438.2
10.0	1.80	1.80	33.01	26.57	145.9	0.007	1438.3
15.0	1.80	1.80	33.01	26.57	145.9	0.005	1438.5
25.0	1.81	1.81	33.01	26.57	145.8	0.009	1438.7
35.0	1.81	1.81	33.01	26.57	145.8	0.005	1438.8
45.0	1.82	1.82	33.01	26.57	145.8	0.004	1439.0
55.0	1.82	1.82	33.01	26.57	145.8	0.004	1439.1
65.0	1.82	1.82	33.01	26.57	145.8	0.005	1439.2
75.0	1.82	1.82	33.01	26.57	145.8	0.005	1439.3
85.0	1.82	1.82	33.01	26.57	145.8	0.005	1439.4
95.0	1.82	1.82	33.01	26.57	145.8	0.005	1439.5
100.0	1.82	1.82	33.01	26.57	145.8	0.005	1439.6
110.0	1.82	1.82	33.01	26.57	145.8	0.005	1439.7
120.0	1.82	1.82	33.01	26.57	145.8	0.005	1439.8
130.0	1.82	1.82	33.01	26.57	145.8	0.005	1439.9
140.0	1.82	1.82	33.01	26.57	145.8	0.005	1440.0
150.0	1.82	1.82	33.01	26.57	145.8	0.005	1440.1
160.0	1.82	1.82	33.01	26.57	145.8	0.005	1440.2
170.0	1.82	1.82	33.01	26.57	145.8	0.005	1440.3
180.0	1.82	1.82	33.01	26.57	145.8	0.005	1440.4
190.0	1.82	1.82	33.01	26.57	145.8	0.005	1440.5
200.0	1.82	1.82	33.01	26.57	145.8	0.005	1440.6
210.0	1.82	1.82	33.01	26.57	145.8	0.005	1440.7
220.0	1.82	1.82	33.01	26.57	145.8	0.005	1440.8
230.0	1.82	1.82	33.01	26.57	145.8	0.005	1440.9
240.0	1.82	1.82	33.01	26.57	145.8	0.005	1441.0
250.0	1.82	1.82	33.01	26.57	145.8	0.005	1441.1
260.0	1.82	1.82	33.01	26.57	145.8	0.005	1441.2
270.0	1.82	1.82	33.01	26.57	145.8	0.005	1441.3
280.0	1.82	1.82	33.01	26.57	145.8	0.005	1441.4
290.0	1.82	1.82	33.01	26.57	145.8	0.005	1441.5
300.0	1.82	1.82	33.01	26.57	145.8	0.005	1441.6
310.0	1.82	1.82	33.01	26.57	145.8	0.005	1441.7
320.0	1.82	1.82	33.01	26.57	145.8	0.005	1441.8
330.0	1.82	1.82	33.01	26.57	145.8	0.005	1441.9
340.0	1.82	1.82	33.01	26.57	145.8	0.005	1442.0
350.0	1.82	1.82	33.01	26.57	145.8	0.005	1442.1
360.0	1.82	1.82	33.01	26.57	145.8	0.005	1442.2
370.0	1.82	1.82	33.01	26.57	145.8	0.005	1442.3
380.0	1.82	1.82	33.01	26.57	145.8	0.005	1442.4
390.0	1.82	1.82	33.01	26.57	145.8	0.005	1442.5
400.0	1.82	1.82	33.01	26.57	145.8	0.005	1442.6
410.0	1.82	1.82	33.01	26.57	145.8	0.005	1442.7
420.0	1.82	1.82	33.01	26.57	145.8	0.005	1442.8
430.0	1.82	1.82	33.01	26.57	145.8	0.005	1442.9
440.0	1.82	1.82	33.01	26.57	145.8	0.005	1443.0
450.0	1.82	1.82	33.01	26.57	145.8	0.005	1443.1
460.0	1.82	1.82	33.01	26.57	145.8	0.005	1443.2
470.0	1.82	1.82	33.01	26.57	145.8	0.005	1443.3
480.0	1.82	1.82	33.01	26.57	145.8	0.005	1443.4
490.0	1.82	1.82	33.01	26.57	145.8	0.005	1443.5
498.0	1.82	1.82	33.01	26.57	145.8	0.005	1443.6





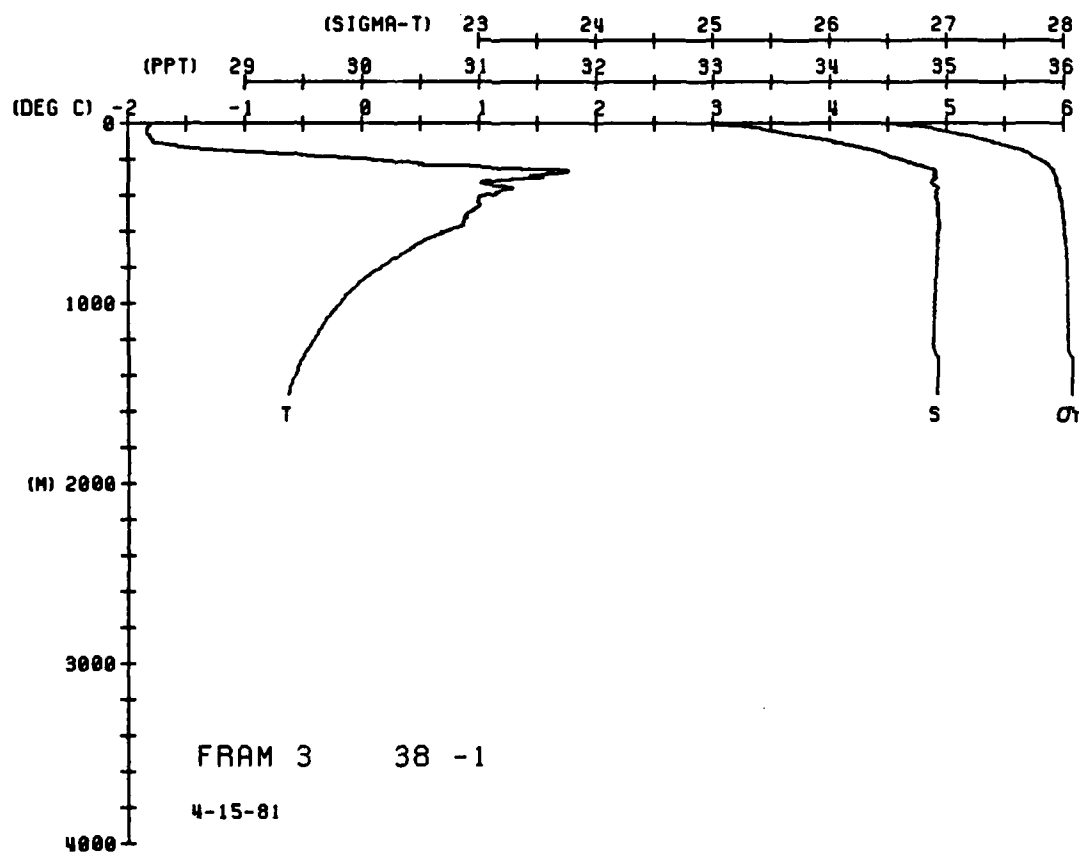
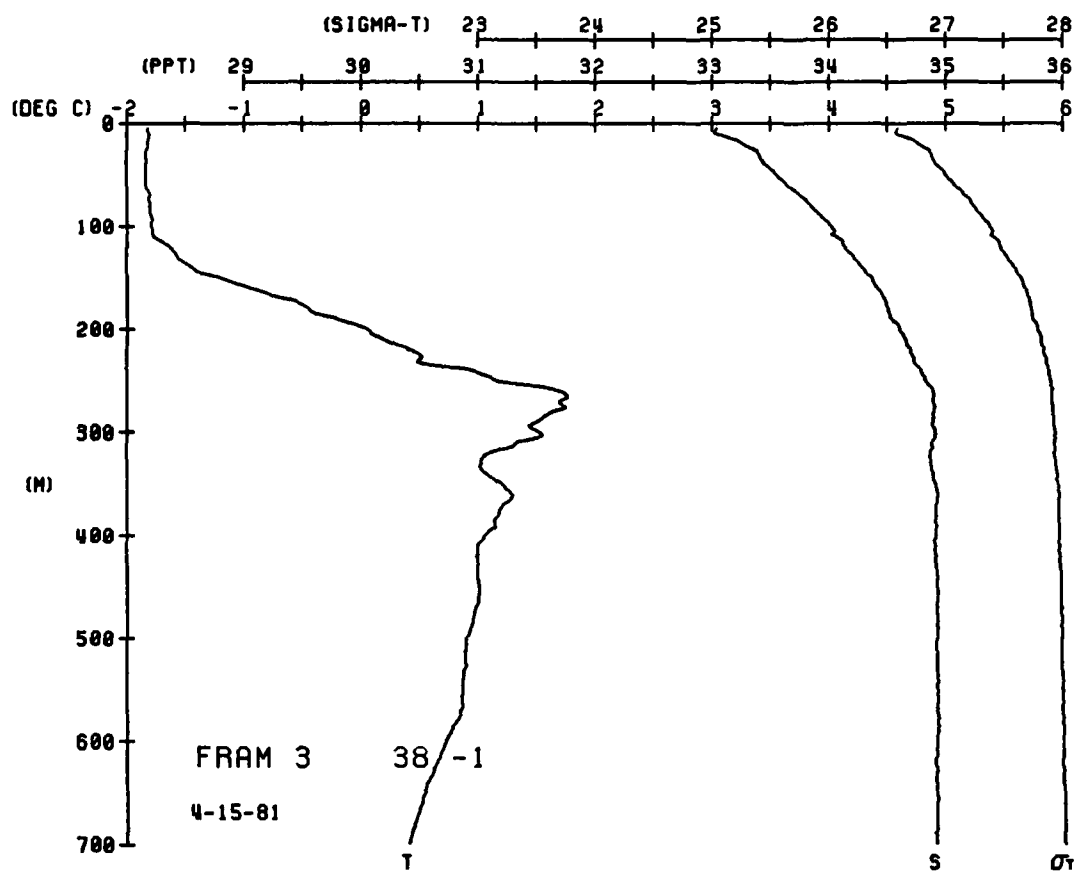
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FMAM 3 STATION 40(1) CTD 15/APR/1981 1021 GMT CODE = 5
LAT = 82.9825N LNG = 6.9517E LTER = 30. LGER = 30.
AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

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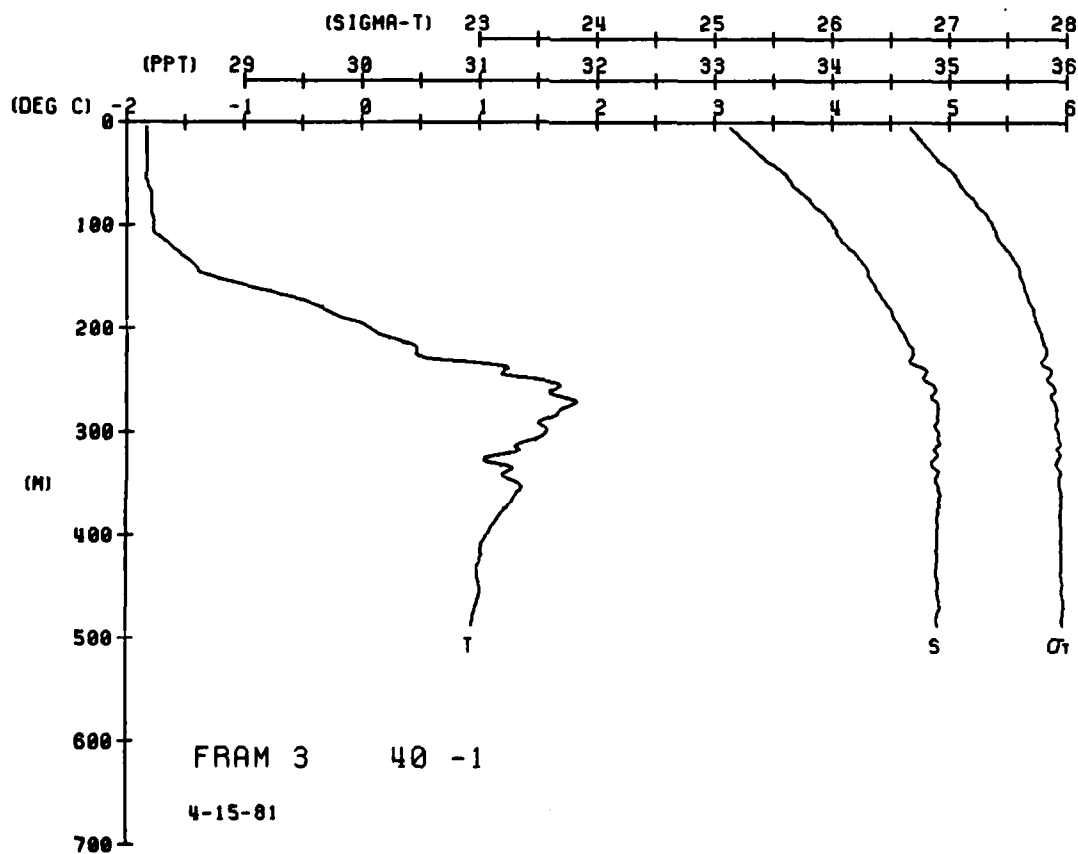
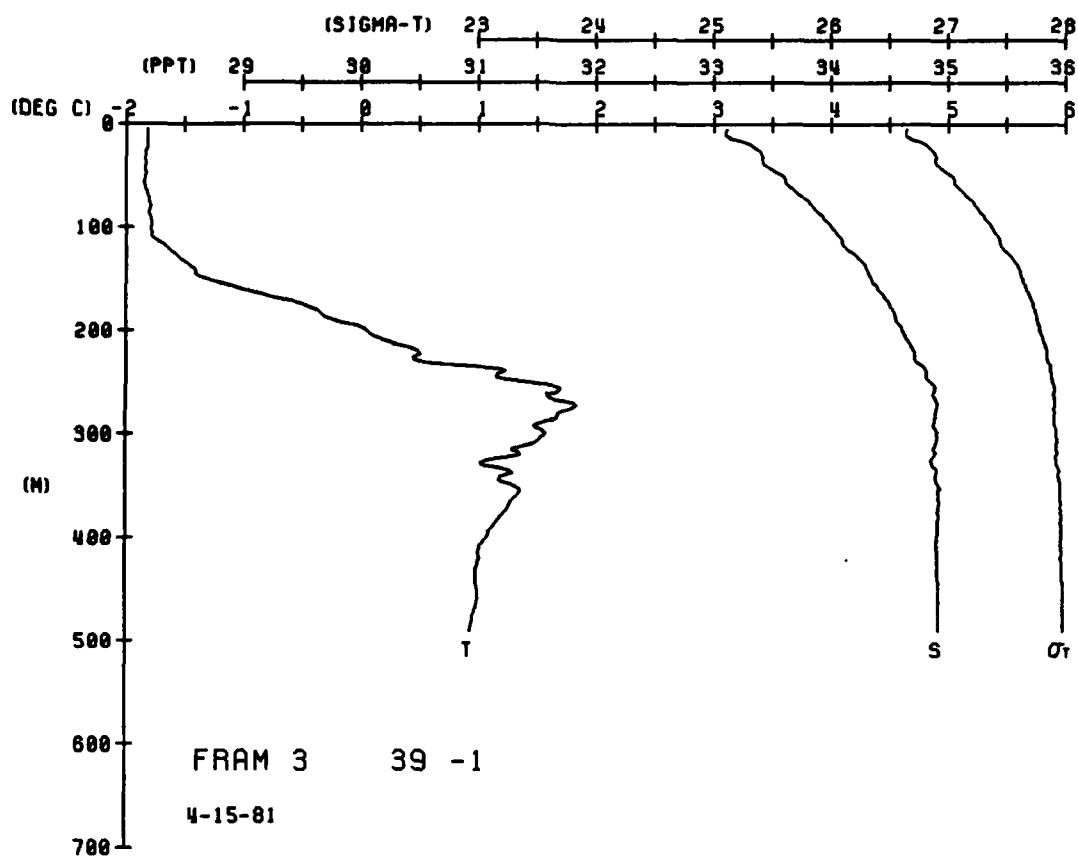
DEPTH	TEMP	PTEMP	SALIN	SG I	SPVUL	DYNHT	SOUND
0	82	82	33	2	138	000	1438
5	82	82	33	2	138	000	1438
10	82	82	33	2	138	000	1438
15	82	82	33	2	138	000	1438
20	82	82	33	2	138	000	1438
25	82	82	33	2	138	000	1438
30	82	82	33	2	138	000	1438
35	82	82	33	2	138	000	1438
40	82	82	33	2	138	000	1438
45	82	82	33	2	138	000	1438
50	82	82	33	2	138	000	1438
55	82	82	33	2	138	000	1438
60	82	82	33	2	138	000	1438
65	82	82	33	2	138	000	1438
70	82	82	33	2	138	000	1438
75	82	82	33	2	138	000	1438
80	82	82	33	2	138	000	1438
85	82	82	33	2	138	000	1438
90	82	82	33	2	138	000	1438
95	82	82	33	2	138	000	1438
100	82	82	33	2	138	000	1438
105	82	82	33	2	138	000	1438
110	82	82	33	2	138	000	1438
115	82	82	33	2	138	000	1438
120	82	82	33	2	138	000	1438
125	82	82	33	2	138	000	1438
130	82	82	33	2	138	000	1438
135	82	82	33	2	138	000	1438
140	82	82	33	2	138	000	1438
145	82	82	33	2	138	000	1438
150	82	82	33	2	138	000	1438
155	82	82	33	2	138	000	1438
160	82	82	33	2	138	000	1438
165	82	82	33	2	138	000	1438
170	82	82	33	2	138	000	1438
175	82	82	33	2	138	000	1438
180	82	82	33	2	138	000	1438
185	82	82	33	2	138	000	1438
190	82	82	33	2	138	000	1438
195	82	82	33	2	138	000	1438
200	82	82	33	2	138	000	1438

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	83	-1.83	33.13	26.66	137.0	0.000	1438.2
4	83	-1.83	33.14	26.69	136.2	0.007	1438.3
15	83	-1.83	33.15	26.71	135.9	0.014	1438.4
20	83	-1.83	33.16	26.72	135.4	0.023	1438.7
30	83	-1.83	33.17	26.74	134.8	0.038	1439.0
35	83	-1.83	33.17	26.74	134.0	0.045	1439.2
40	83	-1.83	33.18	26.75	133.5	0.056	1439.3
45	83	-1.83	33.18	26.75	132.7	0.066	1439.4
50	83	-1.83	33.19	26.76	132.0	0.071	1439.5
55	83	-1.83	33.19	26.76	131.5	0.076	1440.0
60	83	-1.83	33.20	26.77	130.9	0.085	1440.6
65	83	-1.83	33.20	26.77	130.2	0.085	1440.7
70	83	-1.83	33.21	26.78	129.7	0.093	1440.8
80	83	-1.83	33.22	26.79	128.8	0.097	1441.0
90	83	-1.83	33.23	26.80	127.7	0.104	1441.3
100	83	-1.83	33.24	26.81	126.6	0.117	1441.7
110	83	-1.83	33.25	26.82	125.5	0.127	1442.1
120	83	-1.83	33.26	26.83	124.5	0.137	1444.1
130	83	-1.83	33.27	26.84	123.7	0.145	1445.8
140	83	-1.83	33.28	26.85	123.0	0.148	1446.7
150	83	-1.83	33.29	26.86	122.0	0.152	1450.1
160	83	-1.83	33.30	26.87	121.4	0.158	1451.2
170	83	-1.83	33.31	26.88	120.9	0.163	1453.6
180	83	-1.83	33.32	26.89	120.3	0.168	1454.7
190	83	-1.83	33.33	26.90	119.3	0.171	1455.3
200	83	-1.83	33.34	26.91	118.1	0.175	1455.4
210	83	-1.83	33.35	26.92	117.0	0.178	1455.4
220	83	-1.83	33.36	26.93	115.4	0.182	1458.5
230	83	-1.83	33.37	26.94	115.0	0.183	1460.7
240	83	-1.83	33.38	26.95	114.7	0.186	1461.3
250	83	-1.83	33.39	26.96	114.0	0.188	1461.8
260	83	-1.83	33.40	26.97	113.3	0.189	1461.8
270	83	-1.83	33.41	26.98	112.9	0.192	1460.6
280	83	-1.83	33.42	26.99	112.4	0.195	1460.8
290	83	-1.83	33.43	27.00	111.7	0.196	1460.2
300	83	-1.83	33.44	27.01	111.3	0.198	1461.1
310	83	-1.83	33.45	27.02	110.9	0.199	1461.4
320	83	-1.83	33.46	27.03	110.4	0.201	1461.5
330	83	-1.83	33.47	27.04	110.1	0.202	1461.5
340	83	-1.83	33.48	27.05	109.7	0.202	1461.5
350	83	-1.83	33.49	27.06	109.4	0.202	1461.5
360	83	-1.83	33.50	27.07	109.1	0.202	1461.5
370	83	-1.83	33.51	27.08	108.8	0.202	1461.5
380	83	-1.83	33.52	27.09	108.5	0.202	1461.5
390	83	-1.83	33.53	27.10	108.2	0.202	1461.5
400	83	-1.83	33.54	27.11	107.9	0.202	1461.5
410	83	-1.83	33.55	27.12	107.6	0.202	1461.5
420	83	-1.83	33.56	27.13	107.3	0.202	1461.5
430	83	-1.83	33.57	27.14	107.0	0.202	1461.5
440	83	-1.83	33.58	27.15	106.7	0.202	1461.5
450	83	-1.83	33.59				



PRAM 3 STATION 41(1) CTD 15/APR/1991 1402 GMT CUDE = 5
 LAT = 82.9767N LNG = 6.9643E LTER = 30. UGEM = 30.
 AIR TEMP = 0.0 WIND = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SOUND
0	1.60	1.60	32.79	26.38	163.3	0.000	148.8	710.0	0.38	0.35	34.91	28.02	9.2	0.225	1462.7
4	1.60	1.60	32.79	26.38	163.3	0.007	148.8	740.0	0.31	0.27	34.91	28.02	8.7	0.228	1453.1
8	1.60	1.60	32.79	26.38	163.3	0.016	148.8	790.0	0.18	0.14	34.91	28.02	8.1	0.232	1453.1
12	1.82	1.82	33.14	26.59	153.7	0.029	143.5	840.0	0.08	0.04	34.90	28.03	8.0	0.236	1453.1
16	1.84	1.84	33.39	26.83	120.0	0.035	143.5	890.0	-0.01	-0.03	34.90	28.03	7.9	0.243	1453.1
20	1.84	1.84	33.39	26.83	117.0	0.041	143.5	940.0	-0.11	-0.15	34.89	28.03	6.7	0.247	1453.1
24	1.84	1.84	33.39	26.83	114.0	0.047	143.5	990.0	-0.19	-0.23	34.89	28.03	6.0	0.250	1453.1
28	1.84	1.84	33.39	26.83	112.0	0.052	143.5	1040.0	-0.25	-0.30	34.89	28.03	6.0	0.253	1453.1
32	1.84	1.84	33.39	26.83	110.0	0.058	143.5	1090.0	-0.31	-0.35	34.89	28.03	6.0	0.256	1453.1
36	1.84	1.84	33.39	26.83	108.0	0.063	143.5	1140.0	-0.35	-0.41	34.88	28.04	5.6	0.259	1453.1
40	1.84	1.84	33.39	26.83	106.0	0.068	143.5	1190.0	-0.41	-0.46	34.88	28.04	5.2	0.262	1453.1
44	1.84	1.84	33.39	26.83	104.0	0.073	143.5	1240.0	-0.44	-0.50	34.88	28.04	5.0	0.264	1453.1
48	1.84	1.84	33.39	26.83	102.0	0.077	143.5	1290.0	-0.50	-0.56	34.88	28.04	4.8	0.266	1453.1
52	1.84	1.84	33.39	26.83	100.0	0.082	143.5	1340.0	-0.55	-0.61	34.88	28.04	4.7	0.269	1453.1
56	1.84	1.84	33.39	26.83	98.0	0.086	143.5	1390.0	-0.56	-0.63	34.87	28.03	4.4	0.271	1453.1
60	1.84	1.84	33.39	26.83	96.0	0.090	143.5	1440.0	-0.60	-0.66	34.87	28.03	4.4	0.272	1453.1
64	1.84	1.84	33.39	26.83	94.0	0.094	143.5	1459.0	-0.62	-0.68	34.88	28.04	4.0	0.272	1453.1
68	1.84	1.84	33.39	26.83	92.0	0.098	143.5								
72	1.84	1.84	33.39	26.83	90.0	0.102	143.5								
76	1.84	1.84	33.39	26.83	88.0	0.105	143.5								
80	1.84	1.84	33.39	26.83	86.0	0.108	143.5								
84	1.84	1.84	33.39	26.83	84.0	0.111	143.5								
88	1.84	1.84	33.39	26.83	82.0	0.114	143.5								
92	1.84	1.84	33.39	26.83	80.0	0.117	143.5								
96	1.84	1.84	33.39	26.83	78.0	0.120	143.5								
100	1.84	1.84	33.39	26.83	76.0	0.123	143.5								
104	1.84	1.84	33.39	26.83	74.0	0.126	143.5								
108	1.84	1.84	33.39	26.83	72.0	0.129	143.5								
112	1.84	1.84	33.39	26.83	70.0	0.132	143.5								
116	1.84	1.84	33.39	26.83	68.0	0.135	143.5								
120	1.84	1.84	33.39	26.83	66.0	0.138	143.5								
124	1.84	1.84	33.39	26.83	64.0	0.141	143.5								
128	1.84	1.84	33.39	26.83	62.0	0.144	143.5								
132	1.84	1.84	33.39	26.83	60.0	0.147	143.5								
136	1.84	1.84	33.39	26.83	58.0	0.150	143.5								
140	1.84	1.84	33.39	26.83	56.0	0.153	143.5								
144	1.84	1.84	33.39	26.83	54.0	0.156	143.5								
148	1.84	1.84	33.39	26.83	52.0	0.159	143.5								
152	1.84	1.84	33.39	26.83	50.0	0.162	143.5								
156	1.84	1.84	33.39	26.83	48.0	0.165	143.5								
160	1.84	1.84	33.39	26.83	46.0	0.168	143.5								
164	1.84	1.84	33.39	26.83	44.0	0.171	143.5								
168	1.84	1.84	33.39	26.83	42.0	0.174	143.5								
172	1.84	1.84	33.39	26.83	40.0	0.177	143.5								
176	1.84	1.84	33.39	26.83	38.0	0.180	143.5								
180	1.84	1.84	33.39	26.83	36.0	0.183	143.5								
184	1.84	1.84	33.39	26.83	34.0	0.186	143.5								
188	1.84	1.84	33.39	26.83	32.0	0.189	143.5								
192	1.84	1.84	33.39	26.83	30.0	0.192	143.5								
196	1.84	1.84	33.39	26.83	28.0	0.195	143.5								
200	1.84	1.84	33.39	26.83	26.0	0.198	143.5								
204	1.84	1.84	33.39	26.83	24.0	0.201	143.5								
208	1.84	1.84	33.39	26.83	22.0	0.204	143.5								
212	1.84	1.84	33.39	26.83	20.0	0.207	143.5								
216	1.84	1.84	33.39	26.83	18.0	0.210	143.5								
220	1.84	1.84	33.39	26.83	16.0	0.213	143.5								
224	1.84	1.84	33.39	26.83	14.0	0.216	143.5								
228	1.84	1.84	33.39	26.83	12.0	0.219	143.5								
232	1.84	1.84	33.39	26.83	10.0	0.222	143.5								
236	1.84	1.84	33.39	26.83	8.0	0.225	143.5								
240	1.84	1.84	33.39	26.83	6.0	0.228	143.5								
244	1.84	1.84	33.39	26.83	4.0	0.231	143.5								
248	1.84	1.84	33.39	26.83	2.0	0.234	143.5								
252	1.84	1.84	33.39	26.83	0.0	0.237	143.5								



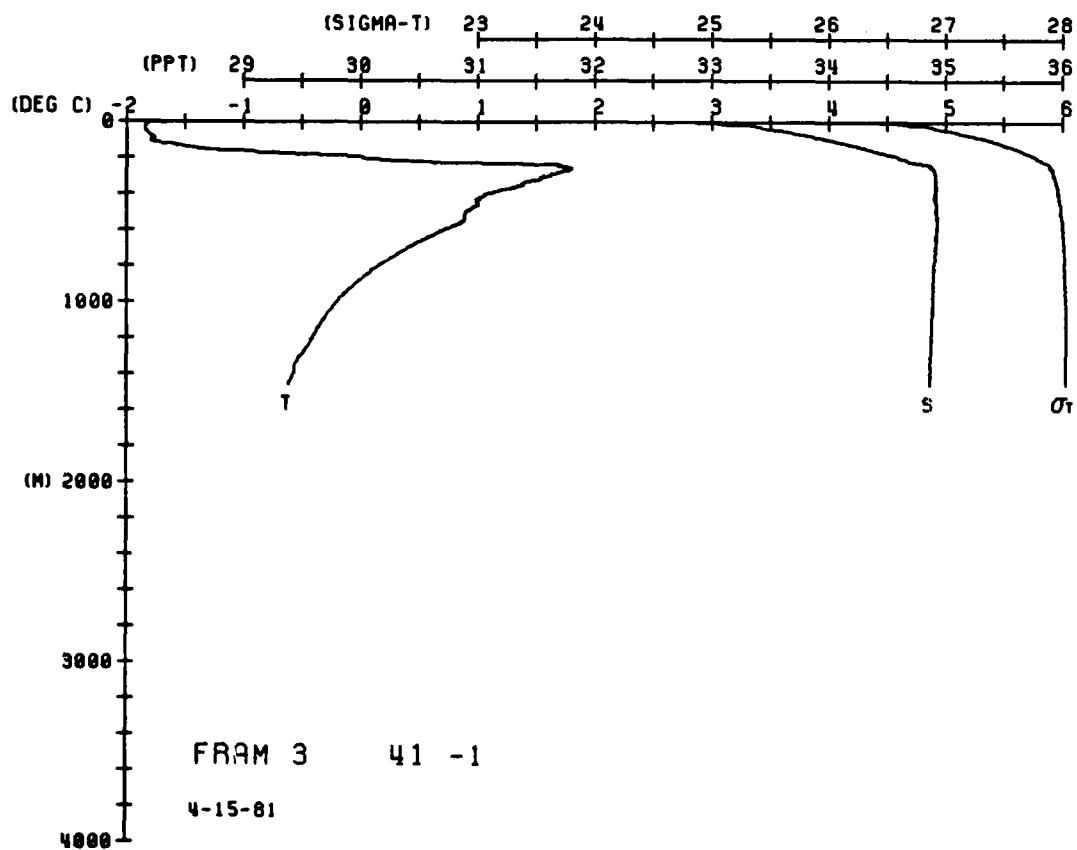
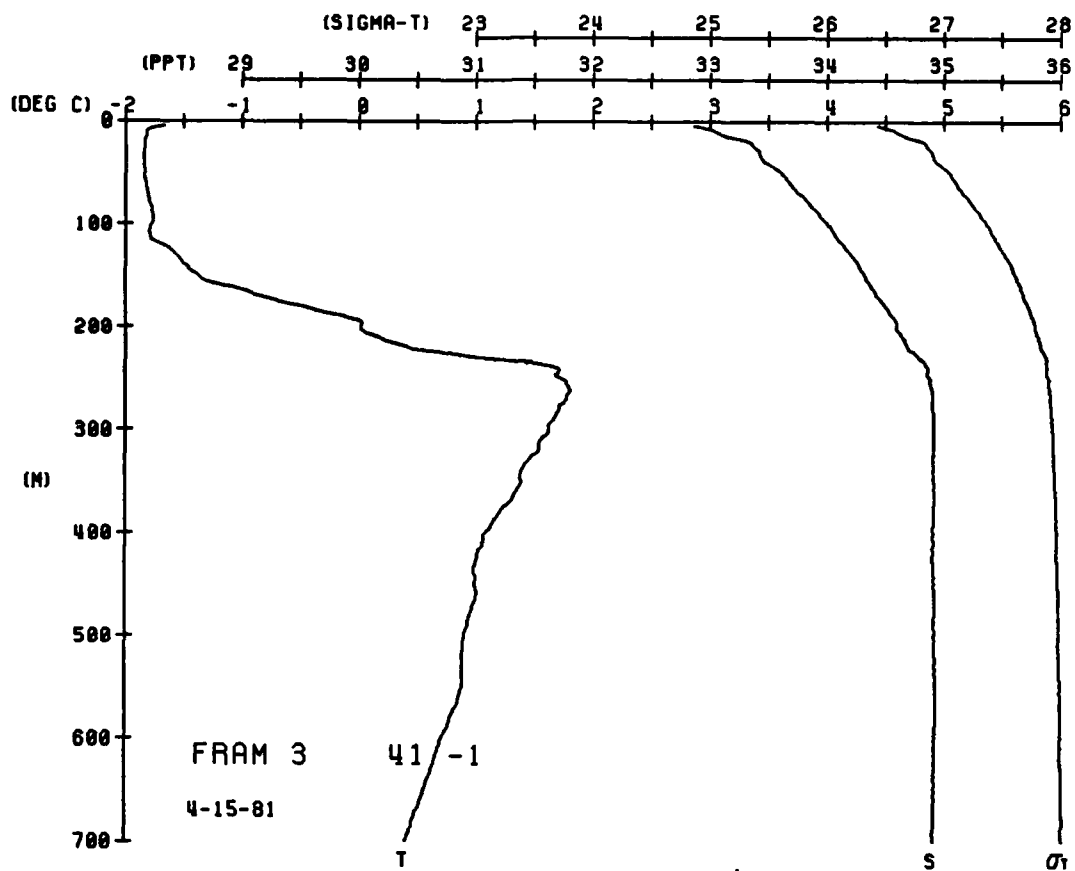

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FRAM 3 STATION 43(1) CTD 15/APR/1981 1513 GMT CUDE = 5
LAT = 43.0883N LAG = 2.3000E LTER = 300. LGEN = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

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DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHI	SOUND
0	76	-1.77	32.20	25.90	208.7	0.006	1437.2
5	76	-1.77	32.20	25.91	208.5	0.011	1437.2
10	77	-1.77	32.23	25.92	208.0	0.023	1437.4
15	77	-1.77	32.24	25.93	205.7	0.042	1437.5
20	77	-1.77	32.24	25.93	205.6	0.063	1437.9
25	77	-1.77	32.24	25.93	205.9	0.073	1437.8
30	77	-1.77	32.24	25.93	205.9	0.083	1437.8
35	76	-1.76	32.25	25.95	204.4	0.093	1438.8
40	75	-1.75	32.25	26.05	185.5	0.102	1439.2
45	73	-1.73	32.26	26.15	171.4	0.117	1439.7
50	73	-1.73	32.26	26.47	156.8	0.117	1439.7
55	70	-1.70	32.33	26.65	136.5	0.124	1440.0
60	70	-1.70	32.33	26.77	114.0	0.129	1440.5
65	70	-1.70	32.33	27.12	92.5	0.139	1440.7
70	73	-1.73	32.33	27.27	73.4	0.147	1441.4
75	73	-1.73	32.33	27.33	73.7	0.154	1441.8
80	73	-1.73	32.33	27.39	62.0	0.165	1442.7
85	68	-1.68	32.41	27.58	55.9	0.165	1443.5
90	63	-1.63	34.12	27.77	46.2	0.174	1444.5
95	57	-1.57	34.33	27.77	37.2	0.174	1445.9
100	51	-1.51	34.44	27.77	32.8	0.182	1446.1
105	47	-1.47	34.44	27.77	31.9	0.189	1448.7
110	44	-1.44	34.57	27.82	26.5	0.195	1450.9
115	43	-1.43	34.60	27.84	22.1	0.198	1451.3
120	43	-1.43	34.77	27.88	22.0	0.204	1454.5
125	40	-1.40	34.81	27.90	21.1	0.204	1455.5
130	38	-1.38	34.88	27.94	19.3	0.208	1457.3
135	38	-1.38	34.88	27.95	16.5	0.208	1458.2
140	38	-1.38	34.88	27.96	15.0	0.211	1459.0
145	37	-1.37	34.93	27.98	12.3	0.214	1459.6
150	37	-1.37	34.93	27.99	12.2	0.215	1459.6
155	37	-1.37	34.93	27.99	11.1	0.216	1459.9
160	37	-1.37	34.93	27.99	11.1	0.219	1459.9
165	37	-1.37	34.93	27.99	11.1	0.220	1459.9
170	37	-1.37	34.93	27.99	11.1	0.223	1459.9
175	37	-1.37	34.93	27.99	11.1	0.224	1460.0
180	37	-1.37	34.93	27.99	11.1	0.227	1460.0
185	37	-1.37	34.93	27.99	11.1	0.227	1460.0
190	37	-1.37	34.93	27.99	11.1	0.229	1460.0
195	37	-1.37	34.93	27.99	11.1	0.231	1460.0
200	37	-1.37	34.93	27.99	11.1	0.232	1460.0
205	37	-1.37	34.93	27.99	11.1	0.234	1460.0
210	37	-1.37	34.93	27.99	11.1	0.236	1460.0
215	37	-1.37	34.93	27.99	11.1	0.237	1460.0
220	37	-1.37	34.93	27.99	11.1	0.237	1461.1
225	37	-1.37	34.93	27.99	11.1	0.237	1461.1
230	37	-1.37	34.93	27.99	11.1	0.237	1461.1
235	37	-1.37	34.93	27.99	11.1	0.237	1461.1
240	37	-1.37	34.93	27.99	11.1	0.237	1461.1
245	37	-1.37	34.93	27.99	11.1	0.237	1461.1
250	37	-1.37	34.93	27.99	11.1	0.237	1461.1
255	37	-1.37	34.93	27.99	11.1	0.237	1

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYMT	SOUND
0	82	82	32.60	26.23	178.2	0	1437.5
5	81	81	32.59	26.22	178.3	0	1437.5
10	81	81	32.59	26.22	177.5	0	1437.7
15	82	82	32.60	26.23	177.3	0	1437.9
20	83	83	32.79	26.36	170.1	0	1438.1
25	83	83	32.86	26.39	162.1	0	1438.4
30	84	84	32.90	26.45	157.1	0	1438.7
35	84	84	33.00	26.52	146.7	0	1439.4
40	84	84	33.33	26.57	131.2	0	1439.7
45	84	84	33.44	26.60	120.4	0	1439.7
50	84	84	33.57	26.62	112.5	0	1439.7
55	84	84	33.67	26.77	102.5	0	1440.2
60	84	84	33.85	27.17	94.5	0	1440.2
65	84	84	33.85	27.24	91.4	0	1440.9
70	84	84	33.94	27.31	74.9	0	1441.1
75	84	84	34.01	27.37	68.4	0	1441.6
80	84	84	34.12	27.46	60.2	0	1441.9
85	84	84	34.26	27.53	52.2	0	1442.5
90	84	84	34.40	27.67	48.2	0	1443.1
95	84	84	34.44	27.73	44.2	0	1444.3
100	84	84	34.56	27.80	37.9	0	1445.3
105	84	84	34.69	27.84	35.6	0	1446.5
110	84	84	34.73	27.87	31.9	0	1447.9
115	84	84	34.76	27.87	25.4	0	1449.5
120	84	84	34.84	27.87	22.4	0	1452.3
125	84	84	34.87	27.92	19.6	0	1454.8
130	84	84	34.89	27.93	17.6	0	1457.2
135	84	84	34.89	27.94	16.5	0	1458.8
140	84	84	34.94	27.96	14.5	0	1459.8
145	84	84	34.95	27.98	12.7	0	1459.8
150	84	84	34.97	27.98	12.6	0	1459.8
155	84	84	34.97	28.00	11.1	0	1460.0
160	84	84	34.97	28.00	10.3	0	1460.0
165	84	84	34.98	28.01	9.9	0	1460.2
170	84	84	34.98	28.02	9.6	0	1460.8
175	84	84	34.98	28.02	9.3	0	1460.8
180	84	84	34.98	28.02	9.4	0	1460.9
185	84	84	34.96	28.02	9.1	0	1460.9
190	84	84	34.97	28.03	8.7	0	1460.2
195	84	84	34.97	28.03	8.3	0	1460.6
200	84	84	34.97	28.03	8.3	0	1460.7
205	84	84	34.98	28.03	8.2	0	1460.7
210	84	84	34.98	28.03	8.5	0	1460.8
215	84	84	34.98	28.04	7.7	0	1460.1
220	84	84	34.98	28.04	7.5	0	1461.2
225	84	84	34.98	28.04	6.4	0	1461.3
230	84	84	34.98	28.04	7.4	0	1461.3



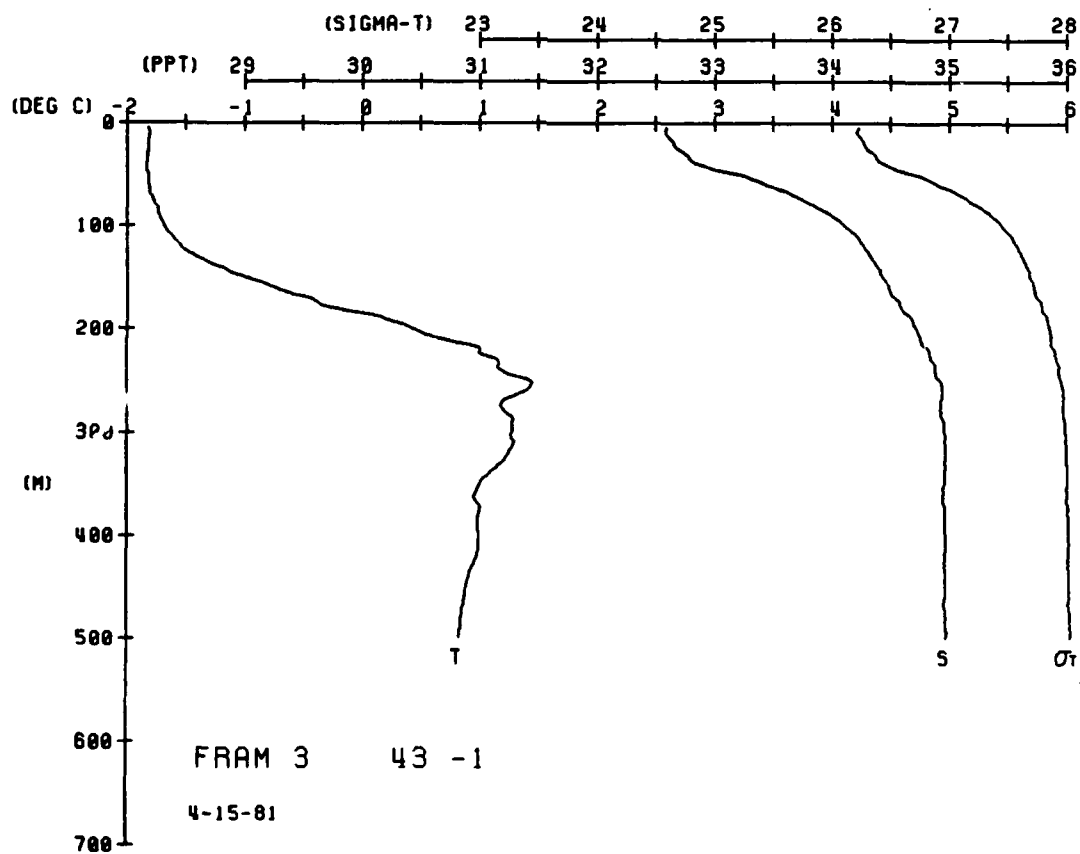
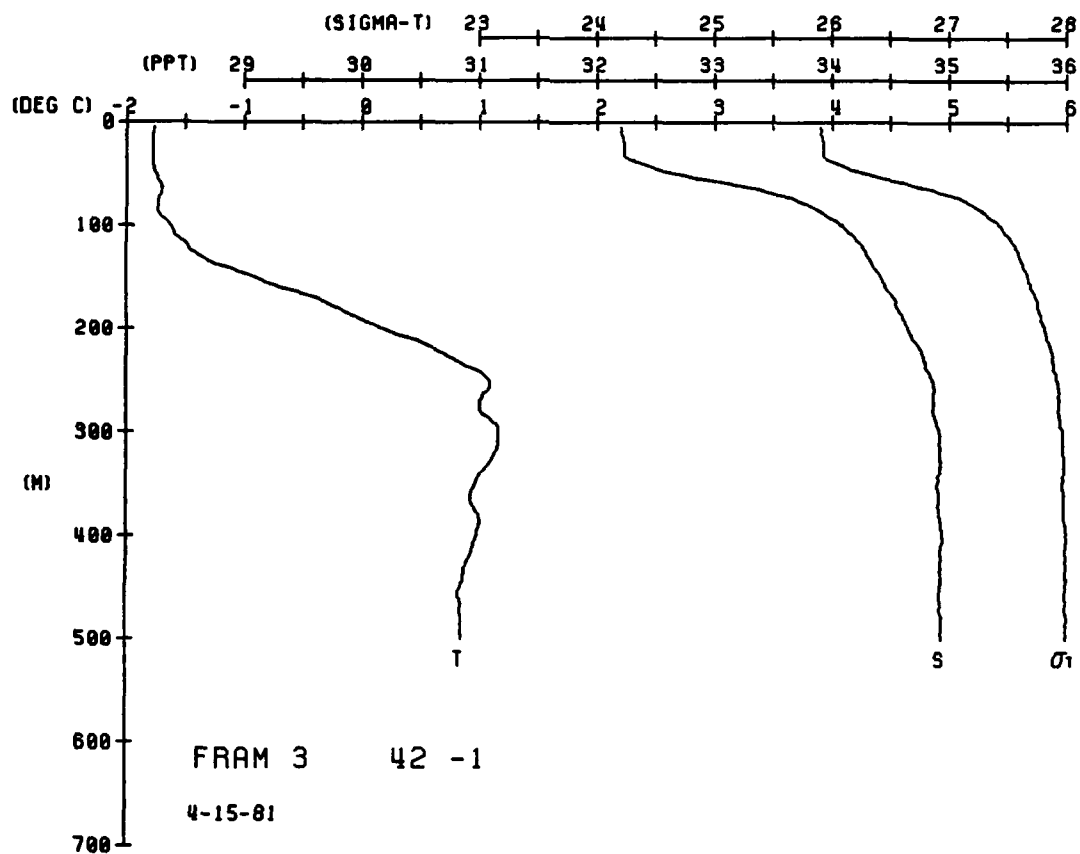
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FRAM 3 STATION 45(1) CTD 15/APR/1981 1708 GMT CODE = 5
LAT = 83.1050N LNG = 5.4500E LTEM = 300. LGEM = 300.
AIR TEMP = 0.0 BARMOM = 0.0 WIND = 0.0 SPEED = 0.0

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DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	1.87	1.87	32.89	26.47	155.5	0.000	1437.7
5	1.86	1.86	32.99	26.48	155.4	0.006	1437.7
10	1.85	1.85	33.03	26.48	154.7	0.016	1437.8
15	1.84	1.84	33.06	26.50	144.4	0.030	1438.8
20	1.84	1.84	33.09	26.62	140.7	0.044	1438.5
25	1.85	1.85	33.11	26.64	138.2	0.051	1438.5
30	1.85	1.85	33.20	26.73	129.6	0.055	1438.9
35	1.86	1.86	33.33	26.77	126.4	0.071	1440.9
40	1.86	1.86	33.37	26.84	120.9	0.081	1441.9
45	1.85	1.85	33.62	26.94	108.1	0.083	1443.5
50	1.85	1.85	33.73	27.05	90.8	0.094	1440.1
55	1.85	1.85	33.85	27.15	80.8	0.094	1440.7
60	1.82	1.82	33.95	27.33	76.7	0.102	1441.1
65	1.77	1.77	34.03	27.44	62.8	0.109	1441.1
70	1.74	1.74	34.14	27.48	59.0	0.115	1441.6
75	1.69	1.69	34.17	27.50	56.7	0.125	1442.3
80	1.51	1.51	34.32	27.62	50.5	0.133	1444.5
85	1.28	1.28	34.42	27.69	42.3	0.141	1448.0
90	1.01	1.01	34.47	27.71	37.9	0.144	1449.7
95	0.65	0.65	34.56	27.79	31.4	0.147	1451.1
100	0.36	0.36	34.68	27.83	26.5	0.149	1452.4
105	0.27	0.27	34.67	27.84	22.2	0.152	1453.7
110	0.05	0.05	34.72	27.88	19.3	0.154	1456.0
115	0.07	1.07	34.85	27.90	17.8	0.159	1460.7
120	1.32	1.32	34.91	27.93	15.0	0.159	1461.1
125	1.58	1.58	34.96	27.96	14.4	0.162	1461.5
130	1.69	1.73	34.97	27.96	13.3	0.165	1461.8
135	1.77	1.77	34.98	27.98	12.6	0.167	1461.2
140	1.64	1.64	34.98	27.99	12.3	0.169	1461.5
145	1.53	1.53	34.98	28.00	11.8	0.170	1461.4
150	1.51	1.51	34.98	28.01	11.1	0.171	1461.4
155	1.46	1.46	34.99	28.01	11.0	0.172	1461.1
160	1.33	1.33	34.98	28.01	11.0	0.173	1461.1
165	1.28	1.28	34.98	28.01	10.2	0.174	1461.1
170	1.21	1.21	34.98	28.01	9.7	0.175	1461.0
175	1.12	1.12	34.98	28.02	9.7	0.176	1460.9
180	1.10	1.10	34.98	28.02	9.6	0.177	1460.1
185	1.09	1.09	34.97	28.02	9.9	0.179	1461.1
190	1.06	1.06	34.99	28.03	9.4	0.181	1461.3
195	1.07	1.07	34.98	28.03	9.7	0.182	1461.3
200	1.02	1.02	34.99	28.04	8.5	0.183	1461.4
205	0.99	0.99	34.98	28.03	8.3	0.183	1461.5
210	0.97	0.97	34.98	28.03	8.3	0.185	1461.5
215	0.96	0.96	34.98	28.03	8.3	0.186	1461.6
220	0.93	0.93	34.98	28.03	8.3	0.186	1461.6
225	0.91	0.91	34.98	28.03	8.3	0.186	1461.6
230	0.89	0.89	34.98	28.04	8.3	0.186	1461.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	82	82	33.06	26.61	142.9	0.000	1438.1
4	83	83	33.06	26.62	141.0	0.007	1438.2
10	84	84	33.15	26.67	135.2	0.014	1438.3
15	84	84	33.22	26.74	131.5	0.021	1438.5
20	85	85	33.22	26.74	129.8	0.034	1438.7
25	85	85	33.23	26.74	128.7	0.041	1438.8
30	86	86	33.24	26.76	128.3	0.054	1438.8
40	86	86	33.25	26.76	127.6	0.066	1439.0
50	86	86	33.34	26.83	127.3	0.078	1439.2
55	86	86	33.35	26.96	120.6	0.078	1439.8
60	86	86	33.62	27.08	99.5	0.084	1440.1
65	86	86	33.82	27.22	83.5	0.088	1440.4
70	86	86	33.93	27.31	70.7	0.092	1440.6
80	86	86	34.06	27.38	68.9	0.096	1440.8
90	86	86	34.09	27.44	64.7	0.103	1441.1
95	87	87	34.11	27.46	62.7	0.109	1441.3
100	87	87	34.16	27.50	57.2	0.115	1441.6
110	87	87	34.24	27.55	51.8	0.121	1442.1
120	87	87	34.30	27.60	46.1	0.126	1443.8
130	87	87	34.34	27.63	44.1	0.130	1444.3
140	87	87	34.38	27.66	41.8	0.134	1445.2
150	87	87	34.44	27.70	38.5	0.139	1447.4
160	87	87	34.49	27.73	35.5	0.146	1448.4
170	87	87	34.56	27.76	32.4	0.152	1452.2
180	87	87	34.67	27.80	29.3	0.157	1453.8
200	87	87	34.74	27.85	24.2	0.157	1456.8
210	87	87	34.80	27.88	22.0	0.159	1457.8
220	87	87	34.84	27.89	21.7	0.163	1459.4
240	87	87	34.91	27.93	17.3	0.165	1460.4
250	87	87	34.95	27.96	16.5	0.166	1461.5
260	87	87	34.97	27.97	14.3	0.169	1461.8
280	87	87	34.97	27.97	13.5	0.169	1461.7
290	87	87	34.98	27.97	12.9	0.171	1461.2
310	87	87	34.98	27.98	12.0	0.172	1461.2
320	87	87	34.95	27.98	13.0	0.173	1461.5
330	87	87	34.95	27.98	13.2	0.176	1461.0
340	87	87	34.98	27.98	12.9	0.177	1461.1
350	87	87	34.97	27.99	12.1	0.177	1461.1
360	87	87	34.97	28.00	11.0	0.179	1461.2
370	87	87	34.97	28.01	10.8	0.181	1461.0
380	87	87	34.98	28.01	9.3	0.181	1460.9
390	87	87	34.98	28.01	10.3	0.182	1460.9
400	87	87	34.96	28.01	10.5	0.183	1460.9
410	87	87	34.96	28.01	9.9	0.185	1460.9
420	87	87	34.96	28.01	9.4	0.186	1461.1
430	87	87	34.97	28.02	8.8	0.187	1461.1
440	87	87	34.97	28.02	8.5	0.188	1461.1
450	87	87	34.98	28.03	8.9	0.188	1461.1
460	87	87	34.98	28.03	8.8	0.190	1461.1
470	87	87	34.97	28.02	8.9	0.191	1461.1
480	87	87	34.97	28.03	9.4	0.192	1461.1
490	87	87	34.96	28.02	9.4	0.192	1461.5



FRAM 3 STATION 46(1) CTD 15/APR/1981 1948 GMT CODE = 5
 LAT = 82.9670N LNG = 6.9838E LTR = 30. UGER = 30.
 AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.00	68.8	1.091	32.88	26.45	6.6	0.000	1438.5	710.0	0.37	0.34	34.92	28.02	8.5	0.223	1462.7
0.05	68.1	1.071	32.88	26.45	5.6	0.000	1438.5	710.0	0.29	0.26	34.92	28.02	8.5	0.223	1462.7
0.10	67.1	1.051	32.88	26.45	4.6	0.000	1438.5	710.0	0.17	0.13	34.92	28.02	8.5	0.223	1462.7
0.15	66.1	1.031	32.88	26.45	3.6	0.000	1438.5	710.0	0.06	0.03	34.92	28.02	8.5	0.223	1462.7
0.20	65.1	1.011	32.88	26.45	2.6	0.000	1438.5	710.0	-0.03	-0.01	34.92	28.02	8.5	0.223	1462.7
0.25	64.1	0.991	32.88	26.45	1.6	0.000	1438.5	710.0	-0.07	-0.04	34.92	28.02	8.5	0.223	1462.7
0.30	63.1	0.971	32.88	26.45	0.6	0.000	1438.5	710.0	-0.10	-0.07	34.92	28.02	8.5	0.223	1462.7
0.35	62.1	0.951	32.88	26.45	-0.4	0.000	1438.5	710.0	-0.14	-0.11	34.92	28.02	8.5	0.223	1462.7
0.40	61.1	0.931	32.88	26.45	-1.4	0.000	1438.5	710.0	-0.17	-0.14	34.92	28.02	8.5	0.223	1462.7
0.45	60.1	0.911	32.88	26.45	-2.4	0.000	1438.5	710.0	-0.21	-0.18	34.92	28.02	8.5	0.223	1462.7
0.50	59.1	0.891	32.88	26.45	-3.4	0.000	1438.5	710.0	-0.25	-0.22	34.92	28.02	8.5	0.223	1462.7
0.55	58.1	0.871	32.88	26.45	-4.4	0.000	1438.5	710.0	-0.29	-0.26	34.92	28.02	8.5	0.223	1462.7
0.60	57.1	0.851	32.88	26.45	-5.4	0.000	1438.5	710.0	-0.33	-0.30	34.92	28.02	8.5	0.223	1462.7
0.65	56.1	0.831	32.88	26.45	-6.4	0.000	1438.5	710.0	-0.37	-0.34	34.92	28.02	8.5	0.223	1462.7
0.70	55.1	0.811	32.88	26.45	-7.4	0.000	1438.5	710.0	-0.41	-0.38	34.92	28.02	8.5	0.223	1462.7
0.75	54.1	0.791	32.88	26.45	-8.4	0.000	1438.5	710.0	-0.45	-0.42	34.92	28.02	8.5	0.223	1462.7
0.80	53.1	0.771	32.88	26.45	-9.4	0.000	1438.5	710.0	-0.49	-0.46	34.92	28.02	8.5	0.223	1462.7
0.85	52.1	0.751	32.88	26.45	-10.4	0.000	1438.5	710.0	-0.53	-0.50	34.92	28.02	8.5	0.223	1462.7
0.90	51.1	0.731	32.88	26.45	-11.4	0.000	1438.5	710.0	-0.57	-0.54	34.92	28.02	8.5	0.223	1462.7
0.95	50.1	0.711	32.88	26.45	-12.4	0.000	1438.5	710.0	-0.61	-0.58	34.92	28.02	8.5	0.223	1462.7
1.00	49.1	0.691	32.88	26.45	-13.4	0.000	1438.5	710.0	-0.65	-0.62	34.92	28.02	8.5	0.223	1462.7
1.05	48.1	0.671	32.88	26.45	-14.4	0.000	1438.5	710.0	-0.69	-0.66	34.92	28.02	8.5	0.223	1462.7
1.10	47.1	0.651	32.88	26.45	-15.4	0.000	1438.5	710.0	-0.73	-0.70	34.92	28.02	8.5	0.223	1462.7
1.15	46.1	0.631	32.88	26.45	-16.4	0.000	1438.5	710.0	-0.77	-0.74	34.92	28.02	8.5	0.223	1462.7
1.20	45.1	0.611	32.88	26.45	-17.4	0.000	1438.5	710.0	-0.81	-0.78	34.92	28.02	8.5	0.223	1462.7
1.25	44.1	0.591	32.88	26.45	-18.4	0.000	1438.5	710.0	-0.85	-0.82	34.92	28.02	8.5	0.223	1462.7
1.30	43.1	0.571	32.88	26.45	-19.4	0.000	1438.5	710.0	-0.89	-0.86	34.92	28.02	8.5	0.223	1462.7
1.35	42.1	0.551	32.88	26.45	-20.4	0.000	1438.5	710.0	-0.93	-0.90	34.92	28.02	8.5	0.223	1462.7
1.40	41.1	0.531	32.88	26.45	-21.4	0.000	1438.5	710.0	-0.97	-0.94	34.92	28.02	8.5	0.223	1462.7
1.45	40.1	0.511	32.88	26.45	-22.4	0.000	1438.5	710.0	-1.01	-0.98	34.92	28.02	8.5	0.223	1462.7
1.50	39.1	0.491	32.88	26.45	-23.4	0.000	1438.5	710.0	-1.05	-1.02	34.92	28.02	8.5	0.223	1462.7
1.55	38.1	0.471	32.88	26.45	-24.4	0.000	1438.5	710.0	-1.09	-1.06	34.92	28.02	8.5	0.223	1462.7
1.60	37.1	0.451	32.88	26.45	-25.4	0.000	1438.5	710.0	-1.13	-1.10	34.92	28.02	8.5	0.223	1462.7
1.65	36.1	0.431	32.88	26.45	-26.4	0.000	1438.5	710.0	-1.17	-1.14	34.92	28.02	8.5	0.223	1462.7
1.70	35.1	0.411	32.88	26.45	-27.4	0.000	1438.5	710.0	-1.21	-1.18	34.92	28.02	8.5	0.223	1462.7
1.75	34.1	0.391	32.88	26.45	-28.4	0.000	1438.5	710.0	-1.25	-1.22	34.92	28.02	8.5	0.223	1462.7
1.80	33.1	0.371	32.88	26.45	-29.4	0.000	1438.5	710.0	-1.29	-1.26	34.92	28.02	8.5	0.223	1462.7
1.85	32.1	0.351	32.88	26.45	-30.4	0.000	1438.5	710.0	-1.33	-1.30	34.92	28.02	8.5	0.223	1462.7
1.90	31.1	0.331	32.88	26.45	-31.4	0.000	1438.5	710.0	-1.37	-1.34	34.92	28.02	8.5	0.223	1462.7
1.95	30.1	0.311	32.88	26.45	-32.4	0.000	1438.5	710.0	-1.41	-1.38	34.92	28.02	8.5	0.223	1462.7
2.00	29.1	0.291	32.88	26.45	-33.4	0.000	1438.5	710.0	-1.45	-1.42	34.92	28.02	8.5	0.223	1462.7
2.05	28.1	0.271	32.88	26.45	-34.4	0.000	1438.5	710.0	-1.49	-1.46	34.92	28.02	8.5	0.223	1462.7
2.10	27.1	0.251	32.88	26.45	-35.4	0.000	1438.5	710.0	-1.53	-1.50	34.92	28.02	8.5	0.223	1462.7
2.15	26.1	0.231	32.88	26.45	-36.4	0.000	1438.5	710.0	-1.57	-1.54	34.92	28.02	8.5	0.223	1462.7
2.20	25.1	0.211	32.88	26.45	-37.4	0.000	1438.5	710.0	-1.61	-1.58	34.92	28.02	8.5	0.223	1462.7
2.25	24.1	0.191	32.88	26.45	-38.4	0.000	1438.5	710.0	-1.65	-1.62	34.92	28.02	8.5	0.223	1462.7
2.30	23.1	0.171	32.88	26.45	-39.4	0.000	1438.5	710.0	-1.69	-1.66	34.92	28.02	8.5	0.223	1462.7
2.35	22.1	0.151	32.88	26.45	-40.4	0.000	1438.5	710.0	-1.73	-1.70	34.92	28.02	8.5	0.223	1462.7
2.40	21.1	0.131	32.88	26.45	-41.4	0.000	1438.5	710.0	-1.77	-1.74	34.92	28.02	8.5	0.223	1462.7
2.45	20.1	0.111	32.88	26.45	-42.4	0.000	1438.5	710.0	-1.81	-1.78	34.92	28.02	8.5	0.223	1462.7
2.50	19.1	0.091	32.88	26.45	-43.4	0.000	1438.5	710.0	-1.85	-1.82	34.92	28.02	8.5	0.223	1462.7
2.55	18.1	0.071	32.88	26.45	-44.4	0.000	1438.5	710.0	-1.89	-1.86	34.92	28.02	8.5	0.223	1462.7
2.60	17.1	0.051	32.88	26.45	-45.4	0.000	1438.5	710.0	-1.93	-1.90	34.92	28.02	8.5	0.223	1462.7
2.65	16.1	0.031	32.88	26.45	-46.4	0.000	1438.5	710.0	-1.97	-1.94	34.92	28.02	8.5	0.223	1462.7
2.70	15.1	0.011	32.88	26.45	-47.4	0.000	1438.5	710.0	-2.01	-1.98	34.92	28.02	8.5	0.223	1462.7
2.75	14.1	-0.009	32.88	26.45	-48.4	0.000	1438.5	710.0	-2.05	-2.02	34.92	28.02	8.5	0.223	1462.7
2.80	13.1	-0.029	32.88	26.45	-49.4	0.000	1438.5	710.0	-2.09	-2.06	34.92	28.02	8.5	0.223	1462.7
2.85	12.1	-0.049	32.88	26.45	-50.4	0.000	1438.5	710.0	-2.13	-2.10	34.92	28.02	8.5	0.223	1462.7
2.90	11.1	-0.069	32.88	26.45	-51.4	0.000	1438.5	710.0	-2.17	-2.14	34.92	28.02	8.5	0.223	1462.7
2.95	10.1	-0.089	32.88	26.45	-52.4	0.000	1438.5	710.0	-2.21	-2.18	34.92	28.02	8.5	0.223	1462.7
3.00	9.1	-0.109	32.88	26.45	-53.4	0.000	1438.5	710.0	-2.25	-2.22	34.92	28.02	8.5	0.223	1462.7
3.05	8.1	-0.129	32.88	26.45	-54.4	0.000	1438.5	710.0	-2.29	-2.26	34.92	28.02	8.5	0.223	1462.7
3.10	7.1	-0.149	32.88	26.45	-55.4	0.000	1438.5	710.0	-2.33	-2.30	34.92	28.02	8.5	0.223	1462.7
3.15	6.1	-0.169	32.88	26.45	-56.4	0.000	1438.5	710.0	-2.37	-2.34	34.92	28.02	8.5	0.223	1462.7
3.20	5.1	-0.189	32.88	26.45	-57.4	0.000	1438.5	710.0	-2.41	-2.38	34.92	28.02	8.5	0.223	1462.7
3.25	4.1	-0.209	32.88	26.45	-58.4	0.000	1438.5	710.0	-2.45	-2.42	34.92	28.02	8.5	0.223	1462.7
3.30	3.1	-0.229	32.88	26.45	-59.4	0.000	1438.5	710.0	-2.49	-2.46	34.92	28.02	8.5	0.223	1462.7
3.35	2.1	-0.249	32.88	26.45	-60.4	0.000	1438.5	710.0	-2.53	-2.50	34.92	28.02	8.5	0.223	1462.7
3.40	1.1	-0.269	32.88	26.45	-61.4	0.000	1438.5	710.0	-2.57	-2.54	34.92	28.02	8.5	0.223	1462.7
3.45	0.1	-0.289	32.88	26.45	-62.4	0.000	1438.5	710.0	-2.61	-2.58	34.92	28.02	8.5	0.223	1462.7
3.50	-0.9	-0.309	32.88	26.45	-63.4	0.000	1438.5	710.0	-2.65	-2.62	34.92	28.02	8.5	0.223	1462.7
3.55	-1.9	-0.329	32.88	26.45	-64.4	0.000	1438.5	710.0	-2.69	-2.66	34.92	28.02	8.5	0.223	1462.7
3.60	-2.9	-0.349	32.88	26.45	-65.4	0.000	1438.5	710.0	-2.73	-2.70	34.92	28.02	8.5	0.223	1462.7
3.65	-3.9	-0.369	32.88	26.45	-66.4	0.000	1438.5	710.0	-2.77	-2.74	34.92	28.02	8.5	0.223	1462.7
3.70	-4.9	-0.389	32.88	26.45	-67.4	0.000	1438.5	710.0	-2.81	-2.78	34.92	28.02	8.5	0.223	1462.7
3.75	-5.9	-0.409	32.88	26.45	-68.4	0.000	1438.5	710.0	-2.85	-2.82	34.92	28.02	8.5		

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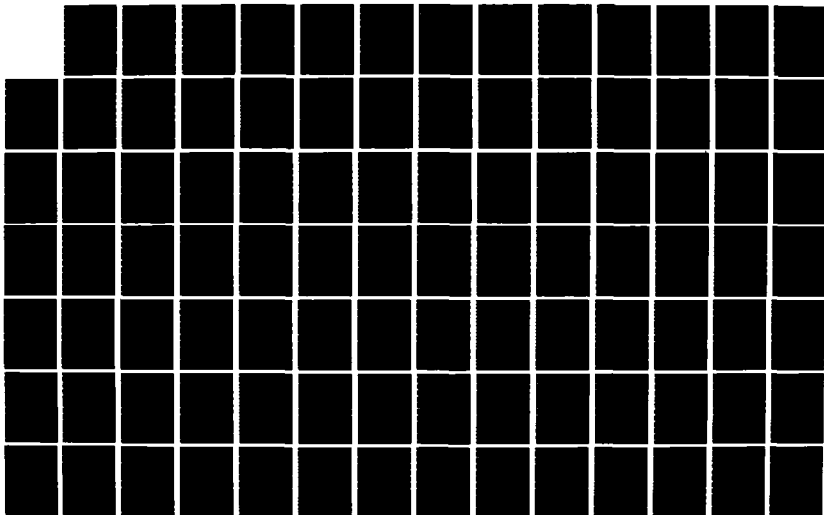
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GEOLOGICAL OBSERVATORY PALISADES NY T O MANLEY ET AL
DEC 85 LDGO-85-8 N00014-84-C-0132

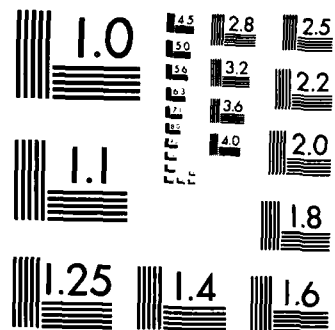
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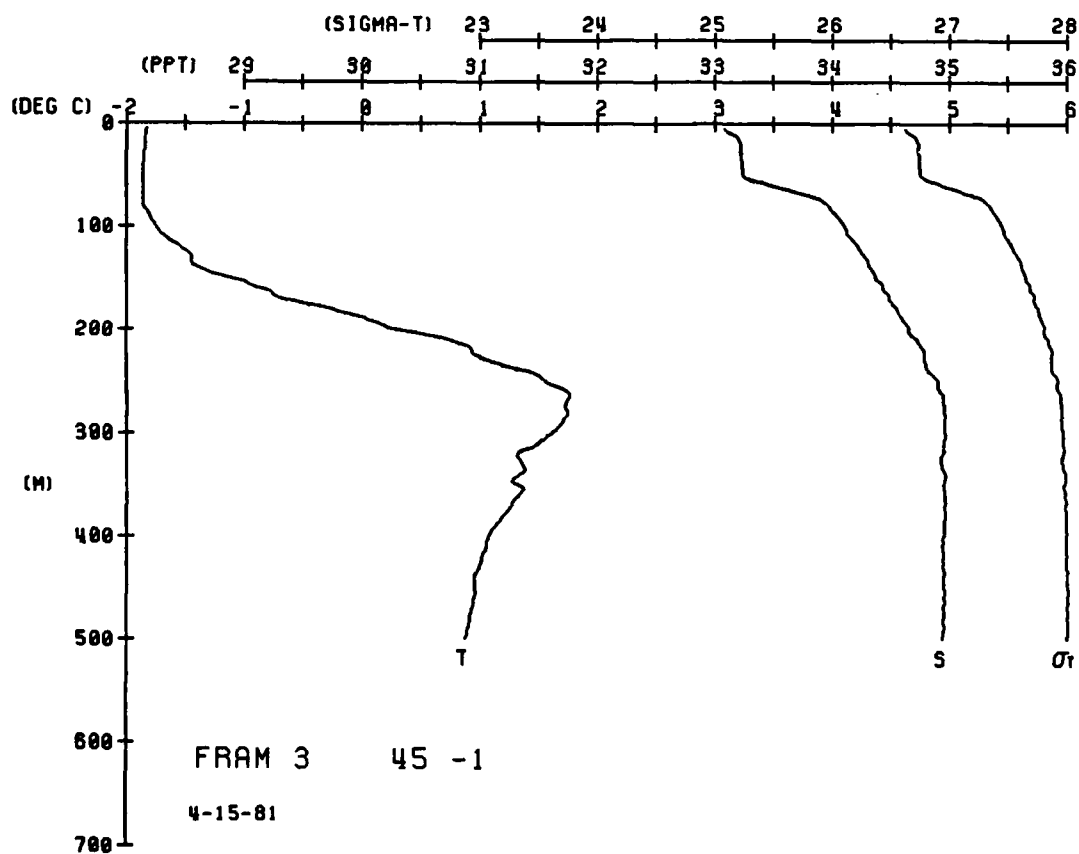
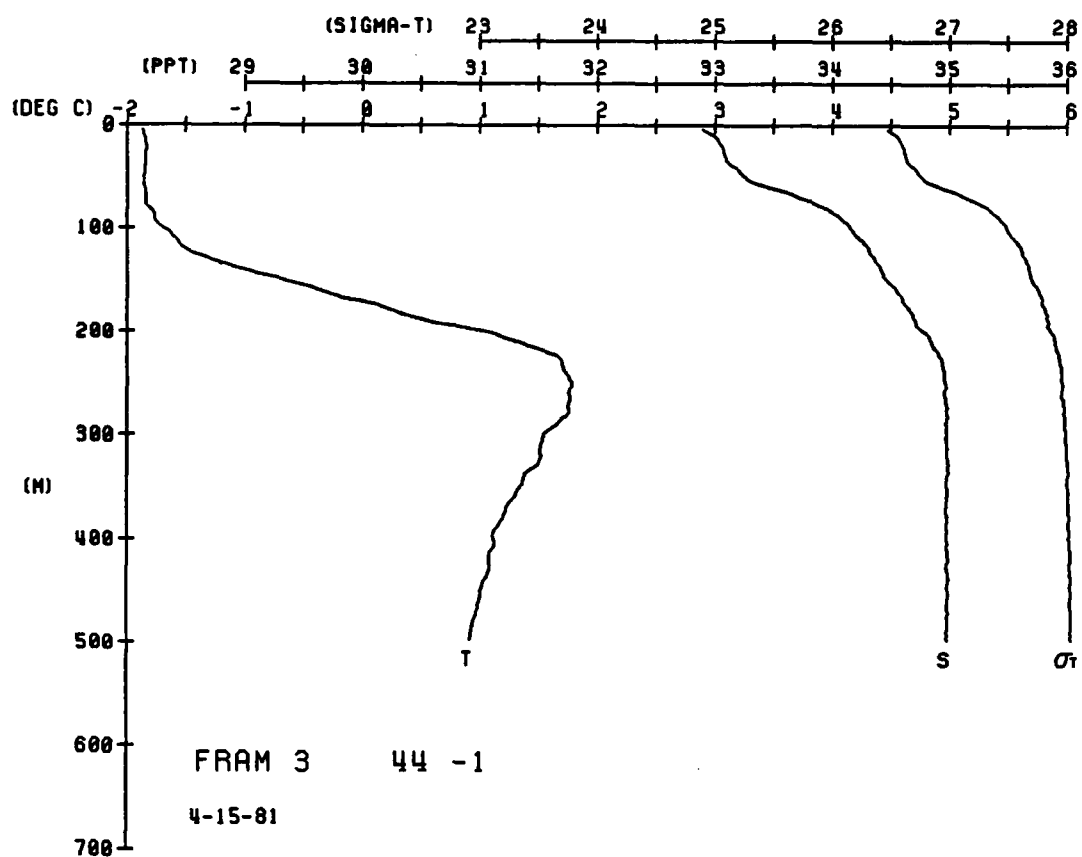
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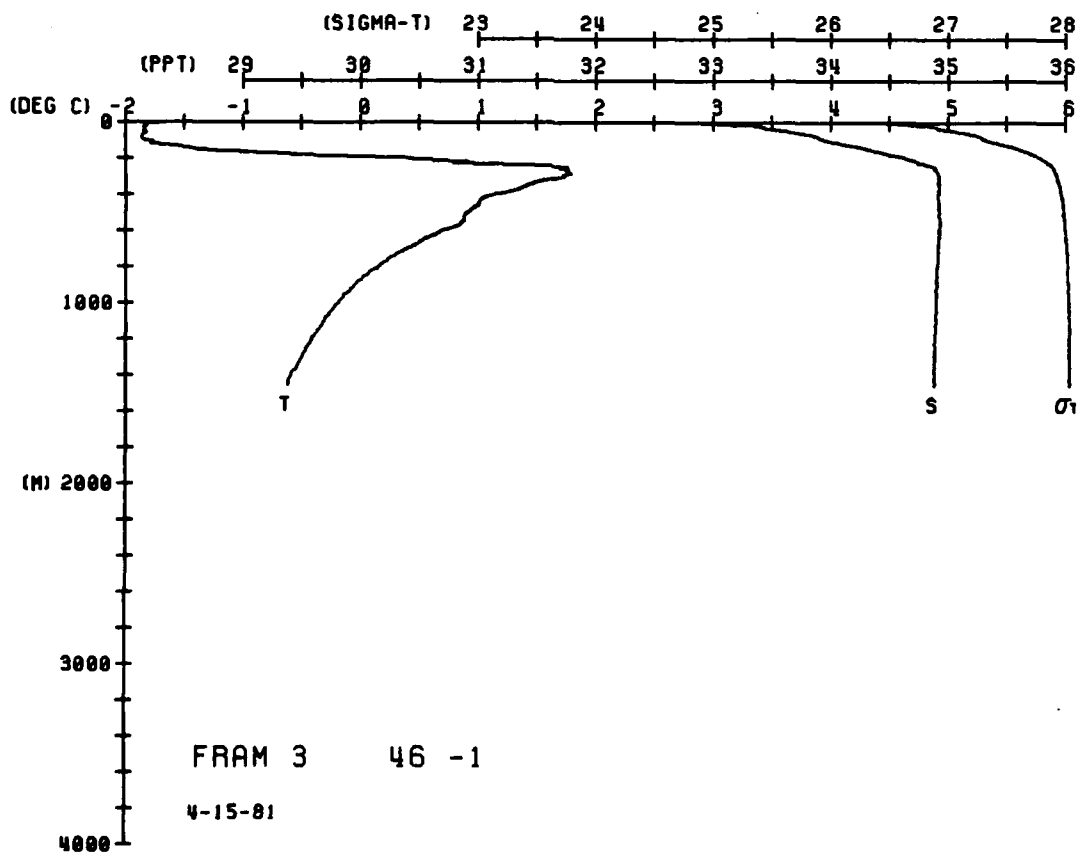
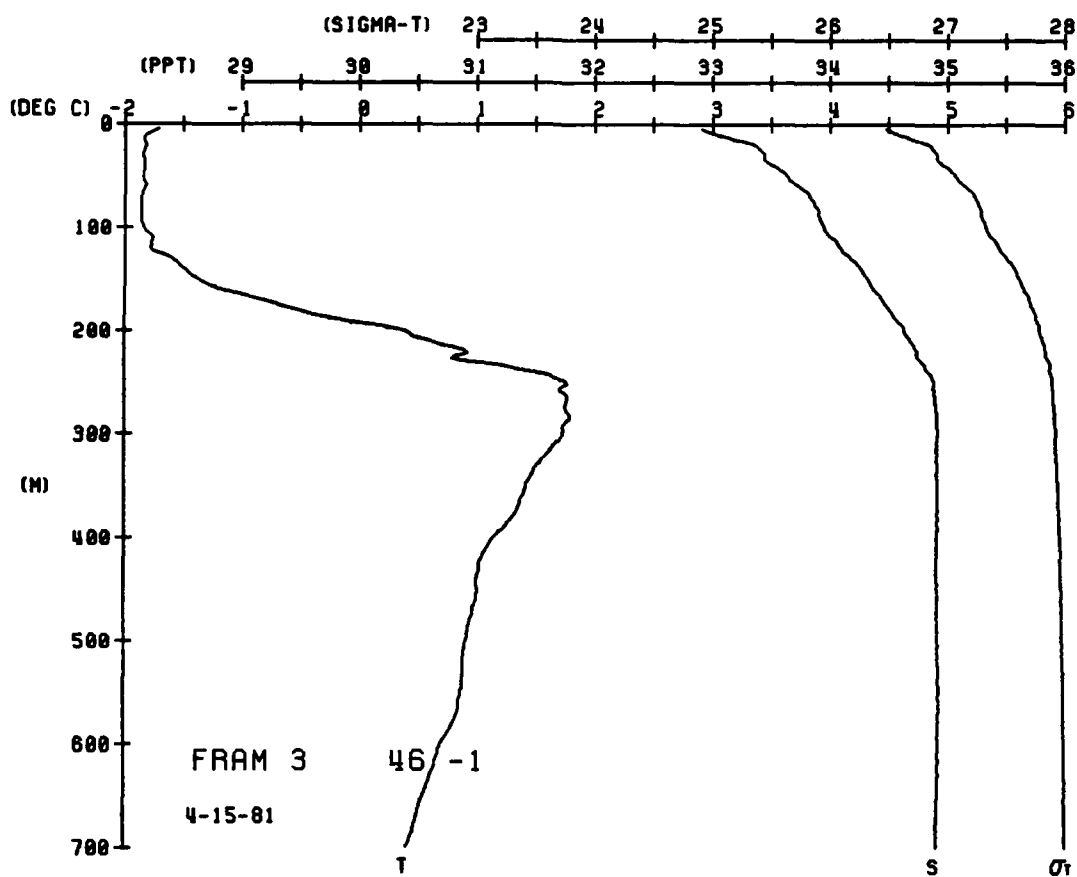
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NATIONAL BUREAU OF STANDARDS-1963-A

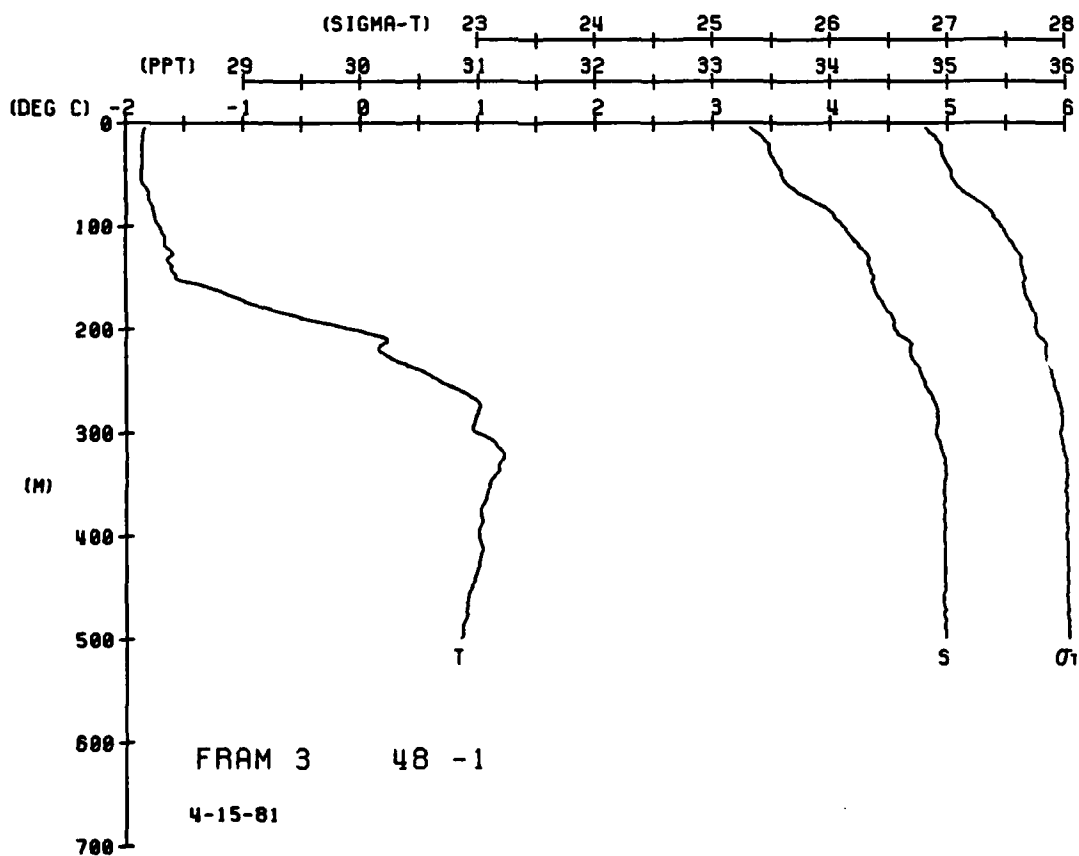
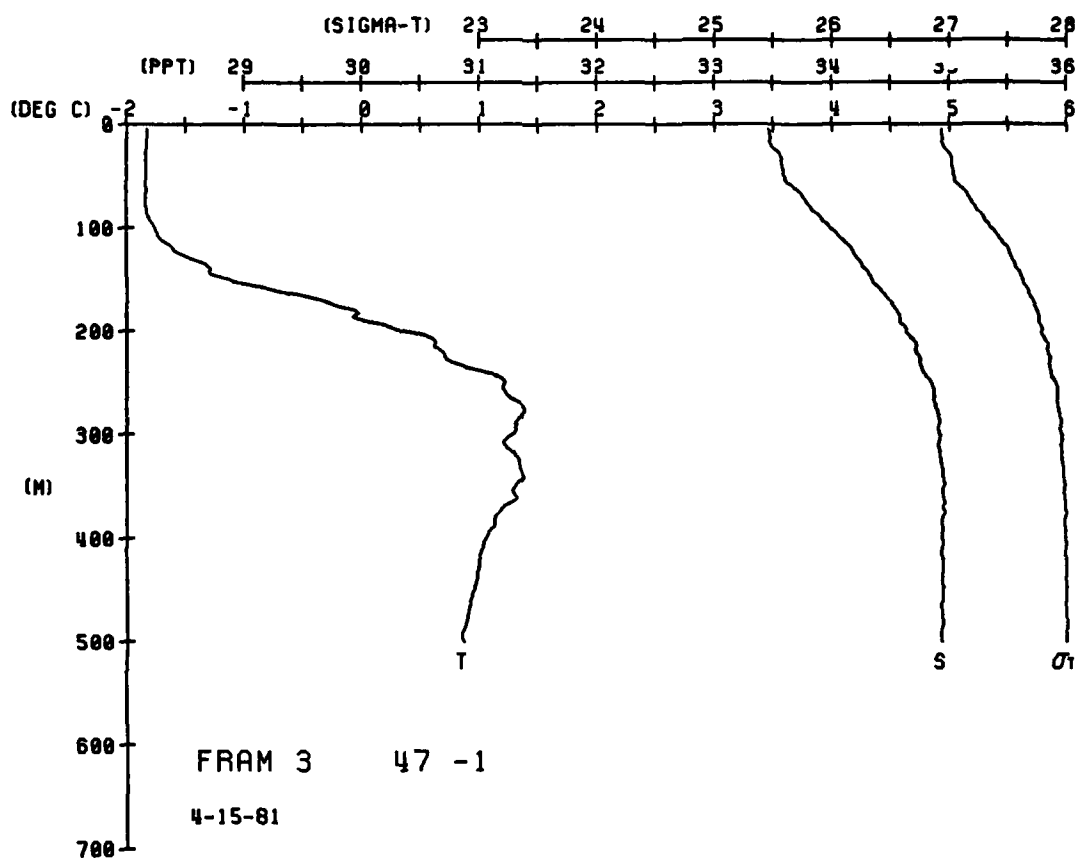


FRAM 3 STATION 48(1) CTD 15/APR/1981 2225 GMT CODE = 5
LAT = 83.0900N LNG = 9.6450E LTER = 300 LGPR = 300
AIR TEMP = 0.0 HANOM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	02.87	02	33.45	92	9.9	0.004	1438.7
0.5	02.87	02	33.45	92	9.9	0.004	1438.7
1	02.87	02	33.45	92	9.9	0.004	1438.7
1.5	02.87	02	33.45	92	9.9	0.004	1438.7
2	02.87	02	33.45	92	9.9	0.004	1438.7
2.5	02.87	02	33.45	92	9.9	0.004	1438.7
3	02.87	02	33.45	92	9.9	0.004	1438.7
3.5	02.87	02	33.45	92	9.9	0.004	1438.7
4	02.87	02	33.45	92	9.9	0.004	1438.7
4.5	02.87	02	33.45	92	9.9	0.004	1438.7
5	02.87	02	33.45	92	9.9	0.004	1438.7
5.5	02.87	02	33.45	92	9.9	0.004	1438.7
6	02.87	02	33.45	92	9.9	0.004	1438.7
6.5	02.87	02	33.45	92	9.9	0.004	1438.7
7	02.87	02	33.45	92	9.9	0.004	1438.7
7.5	02.87	02	33.45	92	9.9	0.004	1438.7
8	02.87	02	33.45	92	9.9	0.004	1438.7
8.5	02.87	02	33.45	92	9.9	0.004	1438.7
9	02.87	02	33.45	92	9.9	0.004	1438.7
9.5	02.87	02	33.45	92	9.9	0.004	1438.7
10	02.87	02	33.45	92	9.9	0.004	1438.7
10.5	02.87	02	33.45	92	9.9	0.004	1438.7
11	02.87	02	33.45	92	9.9	0.004	1438.7
11.5	02.87	02	33.45	92	9.9	0.004	1438.7
12	02.87	02	33.45	92	9.9	0.004	1438.7
12.5	02.87	02	33.45	92	9.9	0.004	1438.7
13	02.87	02	33.45	92	9.9	0.004	1438.7
13.5	02.87	02	33.45	92	9.9	0.004	1438.7
14	02.87	02	33.45	92	9.9	0.004	1438.7
14.5	02.87	02	33.45	92	9.9	0.004	1438.7
15	02.87	02	33.45	92	9.9	0.004	1438.7
15.5	02.87	02	33.45	92	9.9	0.004	1438.7
16	02.87	02	33.45	92	9.9	0.004	1438.7
16.5	02.87	02	33.45	92	9.9	0.004	1438.7
17	02.87	02	33.45	92	9.9	0.004	1438.7
17.5	02.87	02	33.45	92	9.9	0.004	1438.7
18	02.87	02	33.45	92	9.9	0.004	1438.7
18.5	02.87	02	33.45	92	9.9	0.004	1438.7
19	02.87	02	33.45	92	9.9	0.004	1438.7
19.5	02.87	02	33.45	92	9.9	0.004	1438.7
20	02.87	02	33.45	92	9.9	0.004	1438.7
20.5	02.87	02	33.45	92	9.9	0.004	1438.7
21	02.87	02	33.45	92	9.9	0.004	1438.7
21.5	02.87	02	33.45	92	9.9	0.004	1438.7
22	02.87	02	33.45	92	9.9	0.004	1438.7
22.5	02.87	02	33.45	92	9.9	0.004	1438.7
23	02.87	02	33.45	92	9.9	0.004	1438.7
23.5	02.87	02	33.45	92	9.9	0.004	1438.7
24	02.87	02	33.45	92	9.9	0.004	1438.7
24.5	02.87	02	33.45	92	9.9	0.004	1438.7
25	02.87	02	33.45	92	9.9	0.004	1438.7
25.5	02.87	02	33.45	92	9.9	0.004	1438.7
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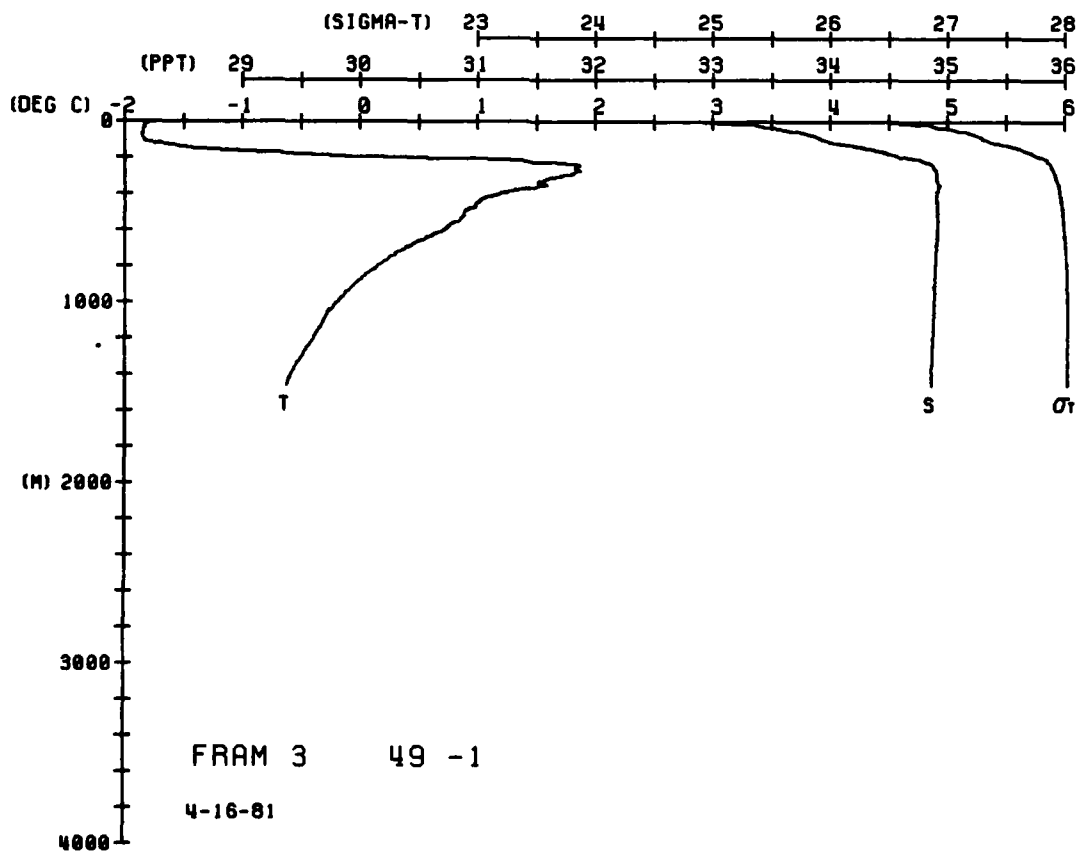
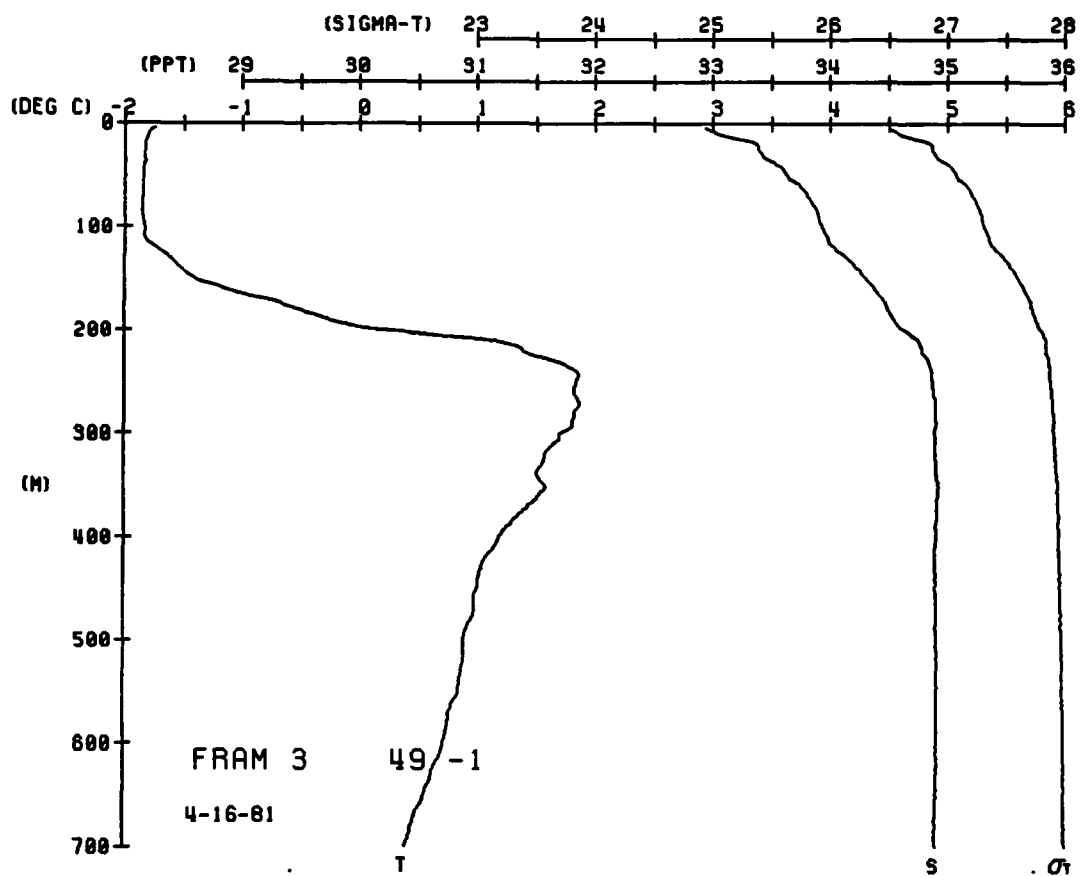
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DWMT	SOUND
0	84	-1.84	33.31	81	6	005	1438
4	84	-1.84	33.31	82	12	006	1445
10	85	-1.85	33.33	83	19	0018	1452
15	86	-1.86	33.35	84	24	0029	1457
20	86	-1.86	33.35	86	30	0035	1463
25	86	-1.86	33.35	88	36	0046	1468
30	86	-1.86	33.35	90	40	0051	1473
35	87	-1.87	33.36	91	45	0056	1478
40	87	-1.87	33.36	92	50	0061	1483
45	87	-1.87	33.36	93	55	0064	1488
50	87	-1.87	33.36	94	60	0067	1493
55	87	-1.87	33.36	95	65	0071	1498
60	88	-1.88	33.37	96	70	0075	1503
65	88	-1.88	33.37	97	75	0079	1508
70	89	-1.89	33.38	98	80	0083	1513
75	89	-1.89	33.38	99	85	0087	1518
80	89	-1.89	33.38	100	90	0091	1523
85	89	-1.89	33.38	101	95	0094	1528
90	89	-1.89	33.38	102	100	0097	1533
95	89	-1.89	33.38	103	105	0103	1538
100	89	-1.89	33.38	104	110	0106	1543
105	89	-1.89	33.38	105	115	0109	1548
110	89	-1.89	33.38	106	120	0113	1553
115	89	-1.89	33.38	107	125	0117	1558
120	89	-1.89	33.38	108	130	0120	1563
125	89	-1.89	33.38	109	135	0123	1568
130	89	-1.89	33.38	110	140	0126	1573
135	89	-1.89	33.38	111	145	0129	1578
140	89	-1.89	33.38	112	150	0133	1583
145	89	-1.89	33.38	113	155	0136	1588
150	89	-1.89	33.38	114	160	0139	1593
155	89	-1.89	33.38	115	165	0143	1598
160	89	-1.89	33.38	116	170	0146	1603
165	89	-1.89	33.38	117	175	0149	1608
170	89	-1.89	33.38	118	180	0153	1613
175	89	-1.89	33.38	119	185	0156	1618
180	89	-1.89	33.38	120	190	0159	1623
185	89	-1.89	33.38	121	195	0162	1628
190	89	-1.89	33.38	122	200	0165	1633
195	89	-1.89	33.38	123	205	0167	1638
200	89	-1.89	33.38	124	210	0169	1643
205	89	-1.89	33.38	125	215	0170	1648
210	89	-1.89	33.38	126	220	0171	1653
215	89	-1.89	33.38	127	225	0174	1658
220	89	-1.89	33.38	128	230	0177	1663
225	89	-1.89	33.38	129	235	0179	1668
230	89	-1.89	33.38	130	240	0181	1673
235	89	-1.89	33.38	131	245	0183	1678
240	89	-1.89	33.38	132	250	0185	1683
245	89	-1.89	33.38	133	255	0187	1688
250	89	-1.89	33.38	134	260	0189	1693
255	89	-1.89	33.38	135	265	0191	1698
260	89	-1.89	33.38	136	270	0193	1703
265	89	-1.89	33.38	137	275	0195	1708
270	89	-1.89	33.38	138	280	0197	1713
275	89	-1.89	33.38	139	285	0199	1718
280	89	-1.89	33.38	140	290	0201	17

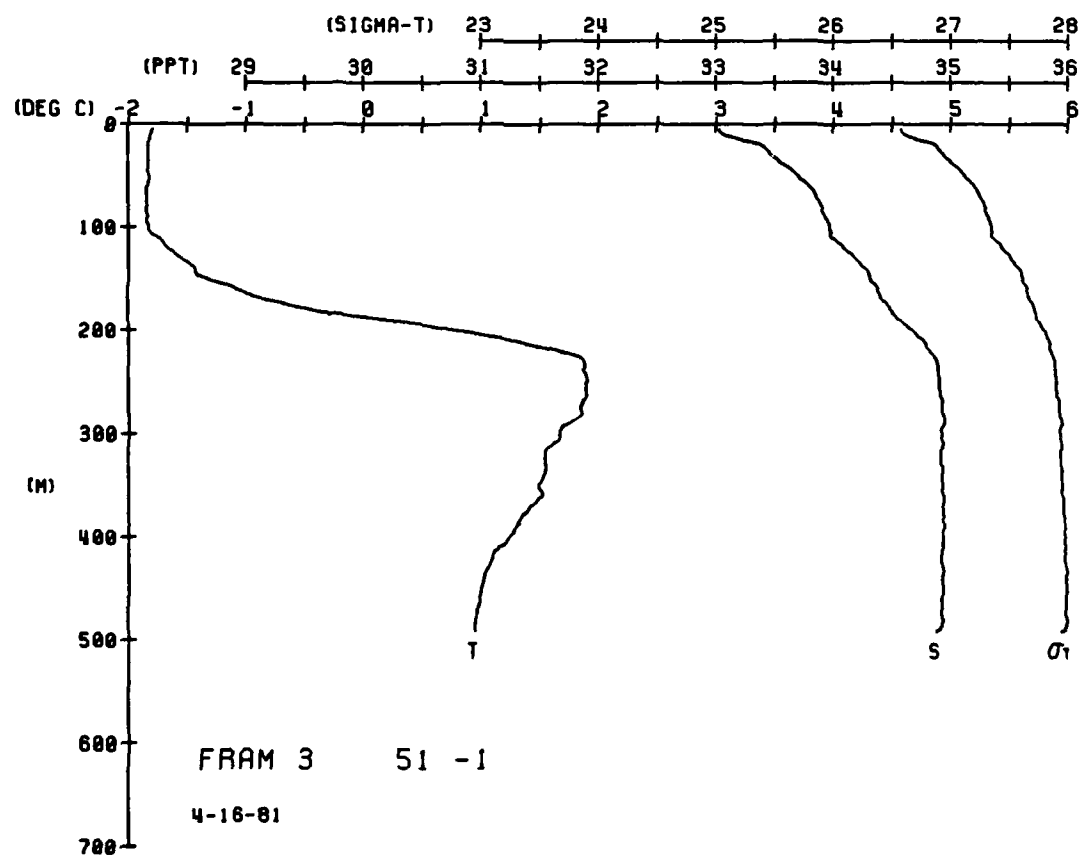
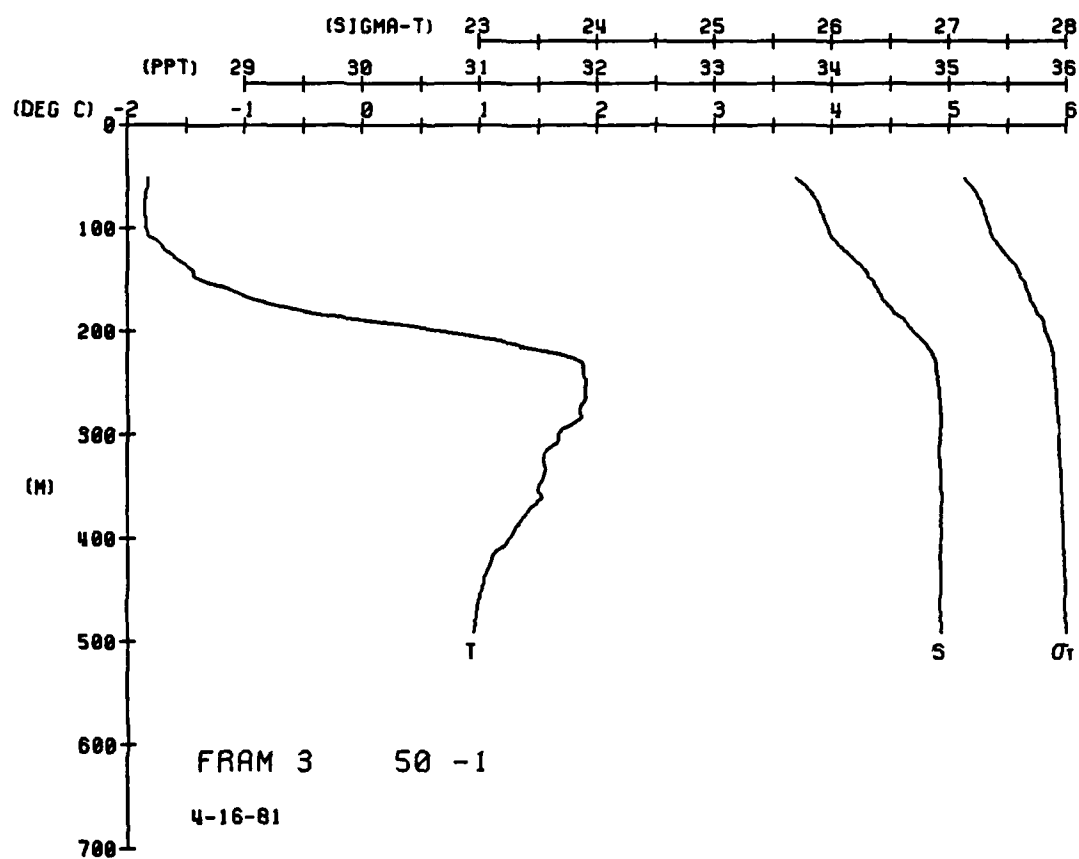




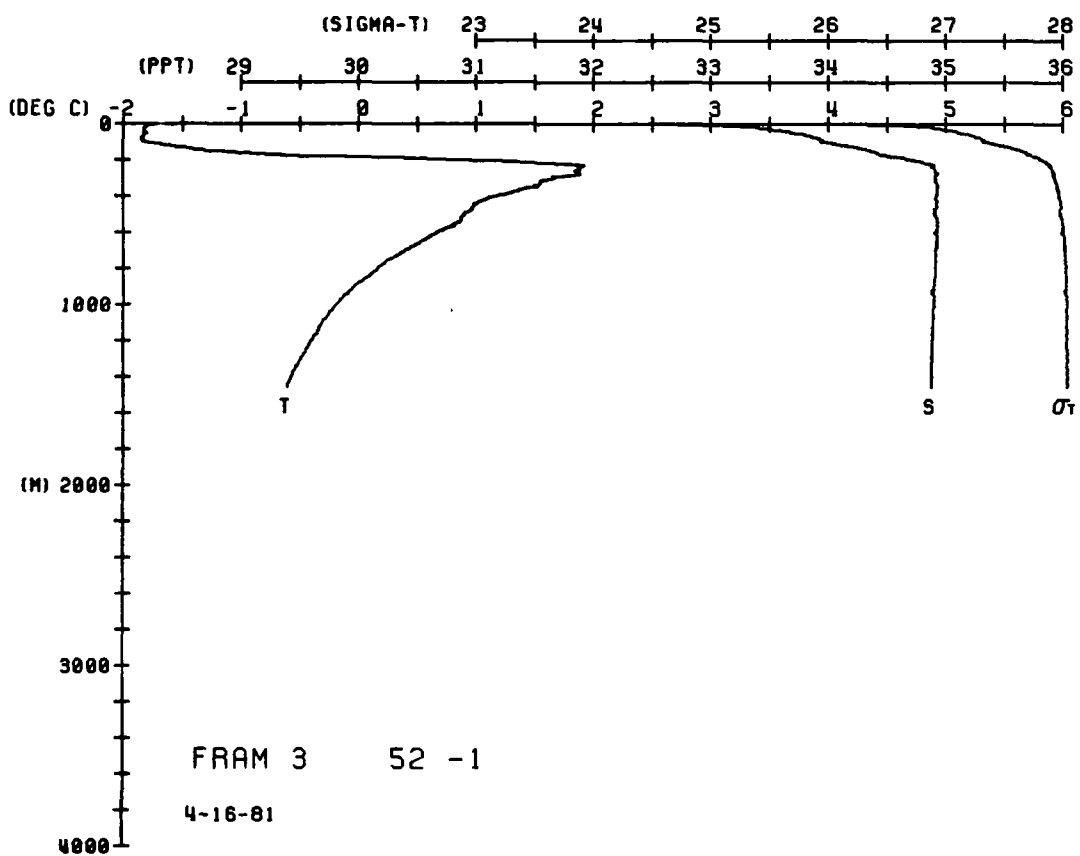
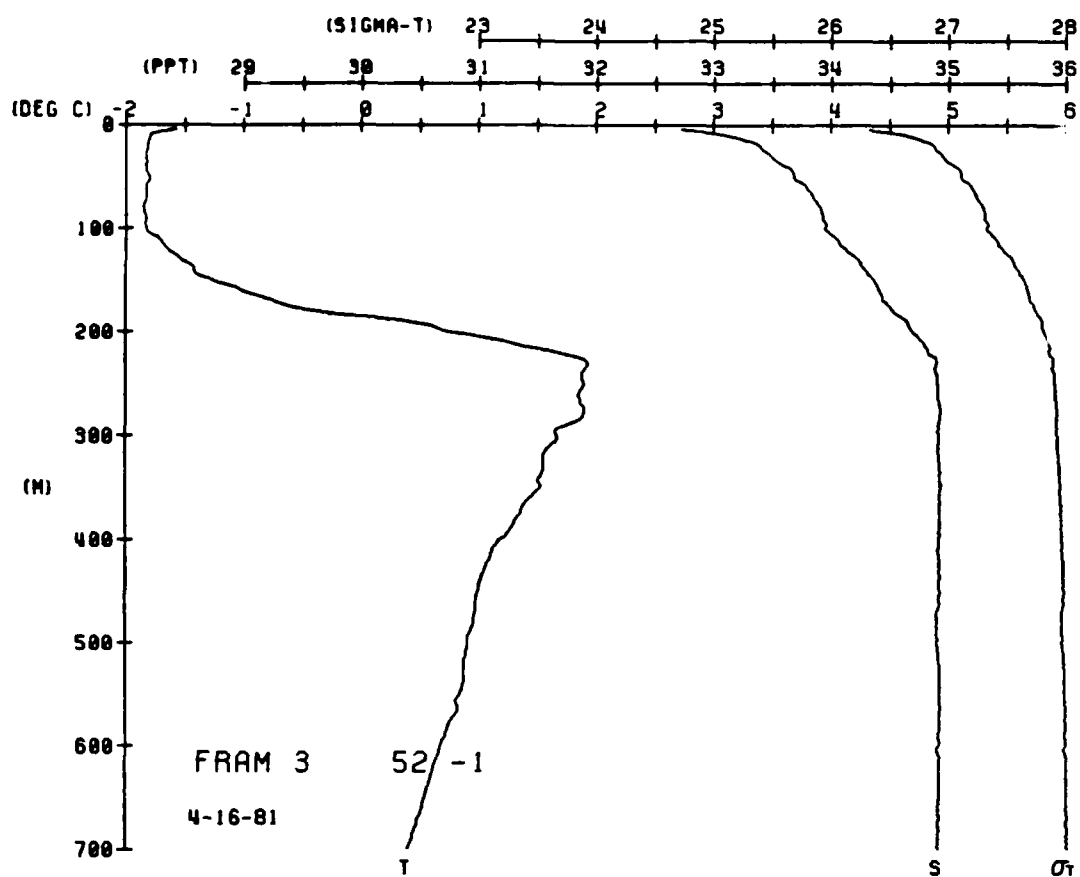
FRAM 3 STATION 49(1) CTU 16/APR/1981 821 GMT CODE = 5
 LAT = 82.9608N LNC = 6.9510E LTR = 30. LGER = 30.
 AIR TEMP = 0.0 SPVOL = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	7.4	1.74	32.9	26.49	15.1	0.00	1438.3	710.0	0.37	0.33	34.90	28.01	10.0	0.231	1462.8
0.4	7.5	1.75	32.9	26.50	15.1	0.00	1438.3	740.0	0.29	0.26	34.90	28.01	19.0	0.234	1463.1
1.0	7.6	1.76	32.9	26.51	15.1	0.00	1438.3	790.0	0.17	0.15	34.90	28.01	8.0	0.243	1463.4
1.5	7.7	1.77	32.9	26.52	15.1	0.00	1438.3	840.0	0.06	0.05	34.89	28.01	7.0	0.247	1463.8
2.0	7.8	1.78	32.9	26.53	15.1	0.00	1438.3	890.0	0.03	0.02	34.89	28.01	7.4	0.251	1464.3
2.5	7.9	1.79	32.9	26.54	15.1	0.00	1438.3	940.0	0.01	0.01	34.88	28.01	7.1	0.254	1464.8
3.0	8.0	1.80	32.9	26.55	15.1	0.00	1438.3	990.0	0.00	0.00	34.88	28.01	6.5	0.258	1465.3
3.5	8.1	1.81	32.9	26.56	15.1	0.00	1438.3	1040.0	0.00	0.00	34.88	28.01	6.0	0.261	1465.8
4.0	8.2	1.82	32.9	26.57	15.1	0.00	1438.3	1090.0	0.00	0.00	34.88	28.01	5.0	0.264	1466.3
4.5	8.3	1.83	32.9	26.58	15.1	0.00	1438.3	1140.0	0.00	0.00	34.88	28.01	4.0	0.267	1466.8
5.0	8.4	1.84	32.9	26.59	15.1	0.00	1438.3	1190.0	0.00	0.00	34.88	28.01	3.0	0.270	1467.3
5.5	8.5	1.85	32.9	26.60	15.1	0.00	1438.3	1240.0	0.00	0.00	34.88	28.01	2.0	0.273	1467.8
6.0	8.6	1.86	32.9	26.61	15.1	0.00	1438.3	1290.0	0.00	0.00	34.87	28.01	1.0	0.276	1468.3
6.5	8.7	1.87	32.9	26.62	15.1	0.00	1438.3	1340.0	0.00	0.00	34.87	28.01	0.0	0.279	1468.8
7.0	8.8	1.88	32.9	26.63	15.1	0.00	1438.3	1390.0	0.00	0.00	34.86	28.01	0.0	0.281	1469.3
7.5	8.9	1.89	32.9	26.64	15.1	0.00	1438.3	1440.0	0.00	0.00	34.86	28.01	0.0	0.282	1469.8
8.0	9.0	1.90	32.9	26.65	15.1	0.00	1438.3	1490.0	0.00	0.00	34.86	28.01	0.0	0.282	1470.3
8.5	9.1	1.91	32.9	26.66	15.1	0.00	1438.3	1540.0	0.00	0.00	34.86	28.01	0.0	0.282	1470.8
9.0	9.2	1.92	32.9	26.67	15.1	0.00	1438.3	1590.0	0.00	0.00	34.86	28.01	0.0	0.282	1471.3
9.5	9.3	1.93	32.9	26.68	15.1	0.00	1438.3	1640.0	0.00	0.00	34.86	28.01	0.0	0.282	1471.8
10.0	9.4	1.94	32.9	26.69	15.1	0.00	1438.3	1690.0	0.00	0.00	34.86	28.01	0.0	0.282	1472.3
10.5	9.5	1.95	32.9	26.70	15.1	0.00	1438.3	1740.0	0.00	0.00	34.86	28.01	0.0	0.282	1472.8
11.0	9.6	1.96	32.9	26.71	15.1	0.00	1438.3	1790.0	0.00	0.00	34.86	28.01	0.0	0.282	1473.3
11.5	9.7	1.97	32.9	26.72	15.1	0.00	1438.3	1840.0	0.00	0.00	34.86	28.01	0.0	0.282	1473.8
12.0	9.8	1.98	32.9	26.73	15.1	0.00	1438.3	1890.0	0.00	0.00	34.86	28.01	0.0	0.282	1474.3
12.5	9.9	1.99	32.9	26.74	15.1	0.00	1438.3	1940.0	0.00	0.00	34.86	28.01	0.0	0.282	1474.8
13.0	10.0	2.00	32.9	26.75	15.1	0.00	1438.3	1990.0	0.00	0.00	34.86	28.01	0.0	0.282	1475.3
13.5	10.1	2.01	32.9	26.76	15.1	0.00	1438.3	2040.0	0.00	0.00	34.86	28.01	0.0	0.282	1475.8
14.0	10.2	2.02	32.9	26.77	15.1	0.00	1438.3	2090.0	0.00	0.00	34.86	28.01	0.0	0.282	1476.3
14.5	10.3	2.03	32.9	26.78	15.1	0.00	1438.3	2140.0	0.00	0.00	34.86	28.01	0.0	0.282	1476.8
15.0	10.4	2.04	32.9	26.79	15.1	0.00	1438.3	2190.0	0.00	0.00	34.86	28.01	0.0	0.282	1477.3
15.5	10.5	2.05	32.9	26.80	15.1	0.00	1438.3	2240.0	0.00	0.00	34.86	28.01	0.0	0.282	1477.8
16.0	10.6	2.06	32.9	26.81	15.1	0.00	1438.3	2290.0	0.00	0.00	34.86	28.01	0.0	0.282	1478.3
16.5	10.7	2.07	32.9	26.82	15.1	0.00	1438.3	2340.0	0.00	0.00	34.86	28.01	0.0	0.282	1478.8
17.0	10.8	2.08	32.9	26.83	15.1	0.00	1438.3	2390.0	0.00	0.00	34.86	28.01	0.0	0.282	1479.3
17.5	10.9	2.09	32.9	26.84	15.1	0.00	1438.3	2440.0	0.00	0.00	34.86	28.01	0.0	0.282	1479.8
18.0	11.0	2.10	32.9	26.85	15.1	0.00	1438.3	2490.0	0.00	0.00	34.86	28.01	0.0	0.282	1480.3
18.5	11.1	2.11	32.9	26.86	15.1	0.00	1438.3	2540.0	0.00	0.00	34.86	28.01	0.0	0.282	1480.8
19.0	11.2	2.12	32.9	26.87	15.1	0.00	1438.3	2590.0	0.00	0.00	34.86	28.01	0.0	0.282	1481.3
19.5	11.3	2.13	32.9	26.88	15.1	0.00	1438.3	2640.0	0.00	0.00	34.86	28.01	0.0	0.282	1481.8
20.0	11.4	2.14	32.9	26.89	15.1	0.00	1438.3	2690.0	0.00	0.00	34.86	28.01	0.0	0.282	1482.3
20.5	11.5	2.15	32.9	26.90	15.1	0.00	1438.3	2740.0	0.00	0.00	34.86	28.01	0.0	0.282	1482.8
21.0	11.6	2.16	32.9	26.91	15.1	0.00	1438.3	2790.0	0.00	0.00	34.86	28.01	0.0	0.282	1483.3
21.5	11.7	2.17	32.9	26.92	15.1	0.00	1438.3	2840.0	0.00	0.00	34.86	28.01	0.0	0.282	1483.8
22.0	11.8	2.18	32.9	26.93	15.1	0.00	1438.3	2890.0	0.00	0.00	34.86	28.01	0.0	0.282	1484.3
22.5	11.9	2.19	32.9	26.94	15.1	0.00	1438.3	2940.0	0.00	0.00	34.86	28.01	0.0	0.282	1484.8
23.0	12.0	2.20	32.9	26.95	15.1	0.00	1438.3	2990.0	0.00	0.00	34.86	28.01	0.0	0.282	1485.3
23.5	12.1	2.21	32.9	26.96	15.1	0.00	1438.3	3040.0	0.00	0.00	34.86	28.01	0.0	0.282	1485.8
24.0	12.2	2.22	32.9	26.97	15.1	0.00	1438.3	3090.0	0.00	0.00	34.86	28.01	0.0	0.282	1486.3
24.5	12.3	2.23	32.9	26.98	15.1	0.00	1438.3	3140.0	0.00	0.00	34.86	28.01	0.0	0.282	1486.8
25.0	12.4	2.24	32.9	26.99	15.1	0.00	1438.3	3190.0	0.00	0.00	34.86	28.01	0.0	0.282	1487.3
25.5	12.5	2.25	32.9	27.00	15.1	0.00	1438.3	3240.0	0.00	0.00	34.86	28.01	0.0	0.282	1487.8
26.0	12.6	2.26	32.9	27.01	15.1	0.00	1438.3	3290.0	0.00	0.00	34.86	28.01	0.0	0.282	1488.3
26.5	12.7	2.27	32.9	27.02	15.1	0.00	1438.3	3340.0	0.00	0.00	34.86	28.01	0.0	0.282	1488.8
27.0	12.8	2.28	32.9	27.03	15.1	0.00	1438.3	3390.0	0.00	0.00	34.86	28.01	0.0	0.282	1489.3
27.5	12.9	2.29	32.9	27.04	15.1	0.00	1438.3	3440.0	0.00	0.00	34.86	28.01	0.0	0.282	1489.8
28.0	13.0	2.30	32.9	27.05	15.1	0.00	1438.3	3490.0	0.00	0.00	34.86	28.01	0.0	0.282	1490.3
28.5	13.1	2.31	32.9	27.06	15.1	0.00	1438.3	3540.0	0.00	0.00	34.86	28.01	0.0	0.282	1490.8
29.0	13.2	2.32	32.9	27.07	15.1	0.00	1438.3	3590.0	0.00	0.00	34.86	28.01	0.0	0.282	1491.3
29.5	13.3	2.33	32.9	27.08	15.1	0.00	1438.3	3640.0	0.00	0.00	34.86	28.01	0.0	0.282	1491.8
30.0	13.4	2.34	32.9	27.09	15.1	0.00	1438.3	3690.0	0.00	0.00	34.86	28.01	0.0	0.282	1492.3
30.5	13.5	2.35	32.9	27.10	15.1	0.00	1438.3	3740.0	0.00	0.00	34.86	28.01	0.0	0.282	1492.8
31.0	13.6	2.36	32.9	27.11	15.1	0.00	1438.3	3790.0	0.00	0.00	34.86	28.01	0.0	0.282	1493.3
31.5	13.7	2.37	32.9	27.12	15.1	0.00	1438.3	3840.0	0.00	0.00	34.86	28.01	0.0	0.282	1493.8
32.0	13.8	2.38	32.9	27.13	15.1	0.00	1438.3	3890.0	0.00	0.00	34.86	28.01	0.0	0.282	1494.3
32.5	13.9	2.39	32.9	27.14	15.1	0.00	1438.3	3940.0	0.00	0.00	34.86	28.01	0.0	0.282	1494.8
33.0	14.0	2.40	32.9	27.15	15.1	0.00	1438.3	3990.0	0.00	0.00	34.86	28.01	0.0	0.282	1495.3
33.5	14.1	2.41	32.9	27.16	15.1	0.00	1438.3	4040.0	0.00	0.00	34.86	28.01	0.0	0.282	1495.8
34.0	14.2	2.42	32.9	27.17	15.1	0.00	1438.3	4090.0	0.00	0.00	34.86	28.01	0.0	0.282	1496.3
34.5	14.3	2.43	32.9	27.18	15.1	0.00	1438.3	4140.0	0.00	0.00	34.86	28.01	0.0	0.282	1496.8
35.0	14.4	2.44	32.9	27.19	15.1	0.00	1438.3	4190.0	0.00	0.00	34.86	28.01	0.0	0.282	1497.3
35.5	14.5	2.45	32.9	27.20	15.1	0.00	1438.3	4240.0	0.00	0.00	34.86	28.01	0.0	0.282	1497.8
36.0	14.6	2.46	32.9	27.21	15.1	0.00	1438.3	4290.0	0.00	0.00	34.86	28.01	0.0	0.282	1498.3
36.5	14.7	2.47	32.9	27.22	15.1	0.00	1438.3	4340.0	0.00	0.00	34.86	28.01	0.0	0.282	1498.8
37.0	14.8	2.48	32.9	27.23	15.1	0.00	1438.3	4390.0	0.00	0.00	34.86	28.01	0.0	0.282	1499.3
37.5	14.9	2.49	32.9	27.24	15.1	0.00	1438.3	4440.0	0.00	0.00	34.86	28.01	0.0	0.282	1499.8
38.0	15.0	2.50	32.9	27.25	15.1	0.00	1438.3	4490.0	0.00	0.00	34.86	28.01	0.0	0.282</	



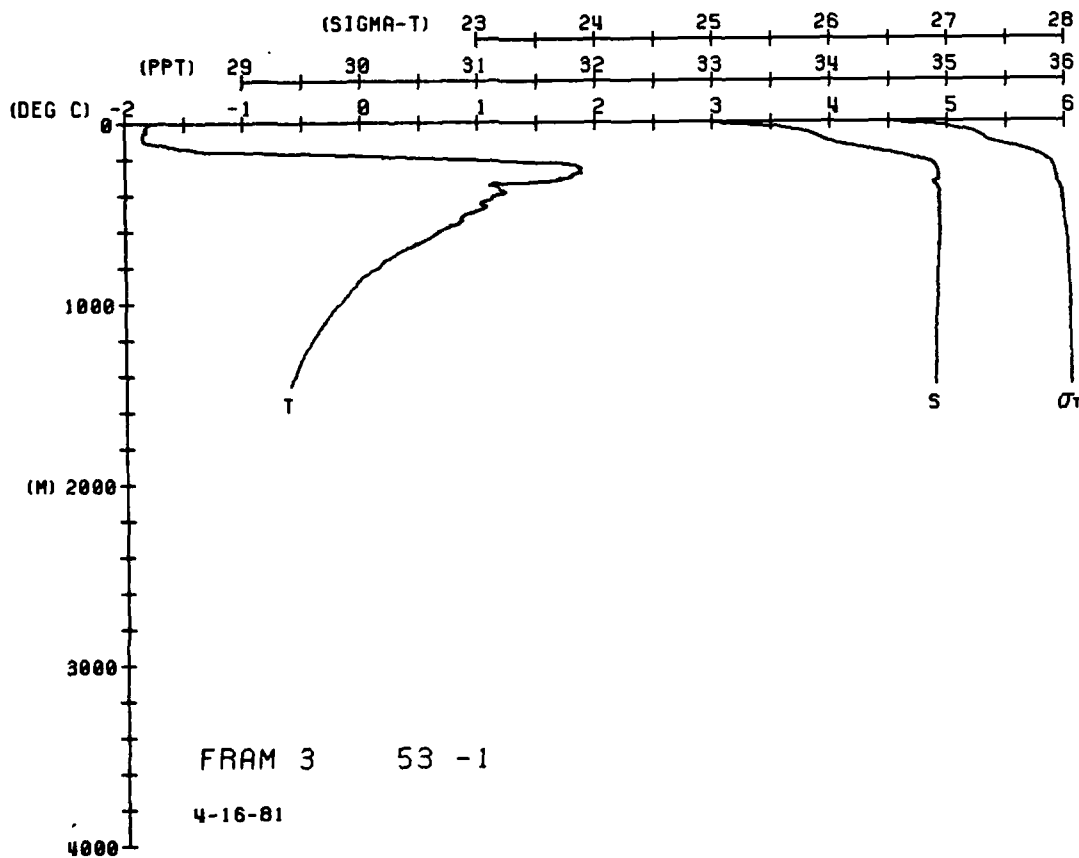
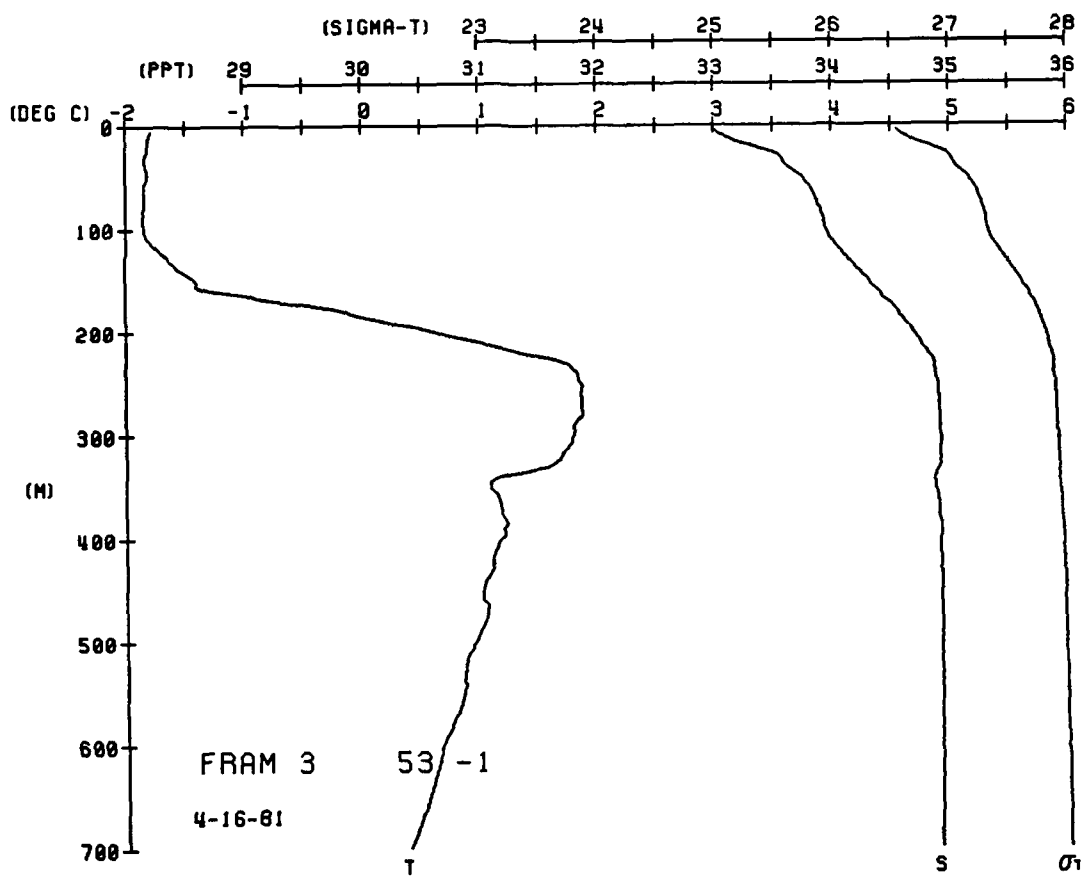


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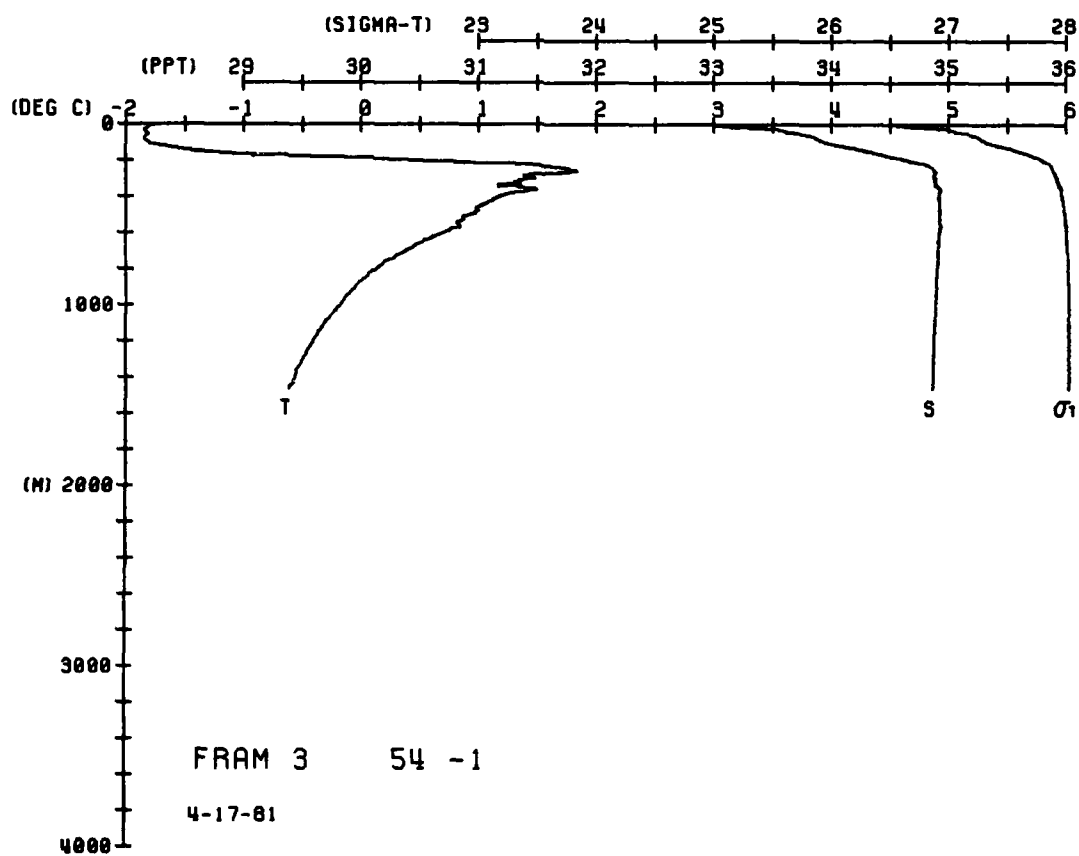
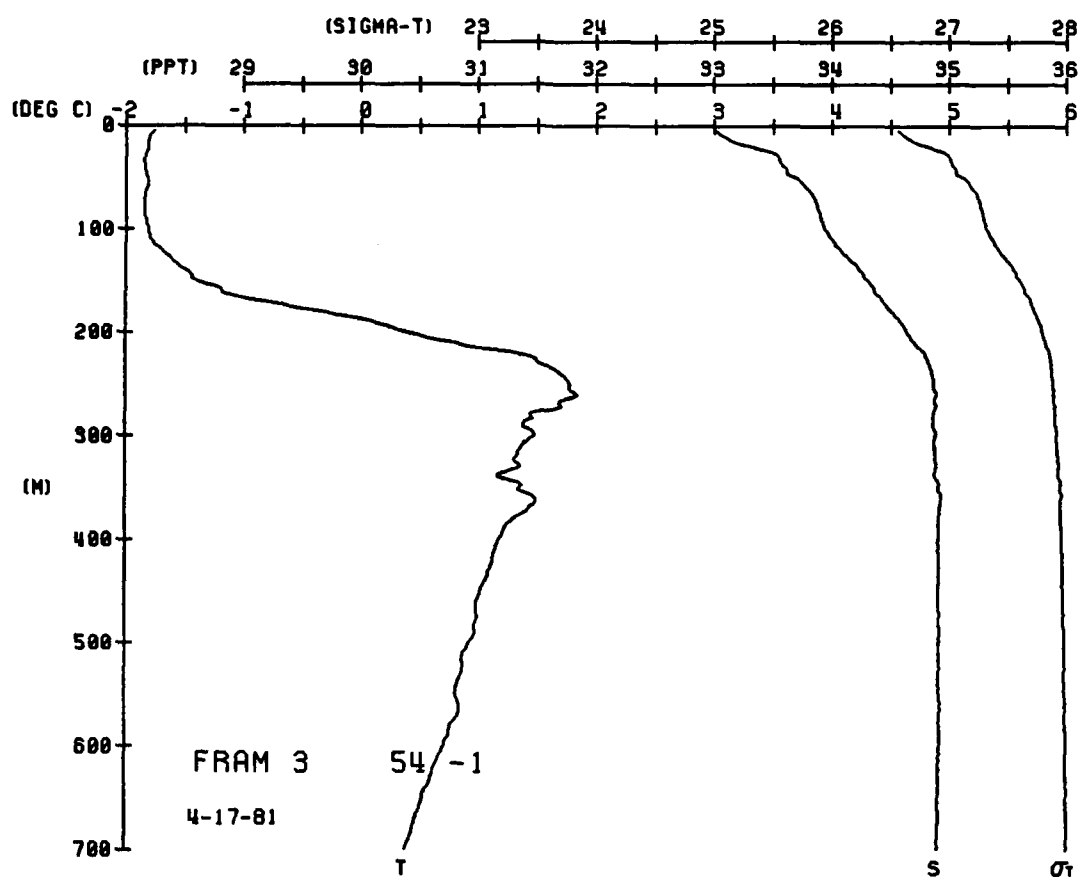


FRAM 3 STATION 53(1) CTD 16/APR/1981 2010 GMT CODE = 5
 LAT = 82.9460N LONG = 6.8878E LTER = 30 LGER = 30
 AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	1.77	1.77	32.98	26.54	148.5	0.000	1438.3	710.0	0.36	34.92	28.02	8.2	0.230	1462.6
0.5	1.79	1.79	33.00	26.54	148.5	0.006	1438.3	740.0	0.27	34.92	28.02	8.2	0.233	1462.7
1.0	1.80	1.82	33.04	26.56	149.9	0.008	1438.4	790.0	0.17	34.92	28.03	7.3	0.227	1463.1
1.5	1.82	1.84	33.17	26.60	150.9	0.012	1438.5	840.0	0.05	34.91	28.03	7.1	0.224	1463.4
2.0	1.84	1.86	33.47	26.81	152.4	0.034	1438.8	890.0	0.04	34.91	28.03	6.6	0.237	1463.8
2.5	1.84	1.88	33.59	26.94	153.7	0.040	1439.1	940.0	-0.17	34.91	28.04	6.3	0.240	1464.4
3.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.2	990.0	-0.17	34.91	28.04	5.7	0.243	1464.9
3.5	1.84	1.88	33.59	27.04	154.7	0.040	1439.3	1040.0	-0.24	34.90	28.04	5.5	0.243	1465.4
4.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3	1090.0	-0.24	34.90	28.04	5.5	0.243	1465.4
4.5	1.84	1.88	33.59	27.04	154.7	0.040	1439.3	1140.0	-0.35	34.90	28.04	4.7	0.238	1466.0
5.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3	1190.0	-0.40	34.90	28.05	4.1	0.232	1467.2
5.5	1.84	1.88	33.59	27.04	154.7	0.040	1439.3	1240.0	-0.44	34.90	28.05	4.1	0.232	1467.5
6.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3	1290.0	-0.53	34.89	28.05	3.7	0.236	1468.5
6.5	1.84	1.88	33.59	27.04	154.7	0.040	1439.3	1340.0	-0.53	34.89	28.05	3.5	0.236	1469.3
7.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3	1390.0	-0.56	34.89	28.05	3.0	0.260	1470.5
7.5	1.84	1.88	33.59	27.04	154.7	0.040	1439.3	1440.0	-0.60	34.89	28.05	3.2	0.260	1470.5
8.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3	1455.1	-0.61	34.89	28.05	3.2	0.260	1470.5
8.5	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
9.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
9.5	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
10.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
11.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
12.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
13.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
14.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
15.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
16.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
17.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
18.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
19.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
20.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
21.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
22.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
23.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
24.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
25.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
26.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
27.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
28.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
29.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
30.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
31.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
32.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
33.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
34.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
35.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
36.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
37.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
38.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
39.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
40.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
41.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
42.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
43.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
44.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
45.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
46.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
47.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
48.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
49.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
50.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
51.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
52.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
53.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
54.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
55.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
56.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
57.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
58.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
59.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							
60.0	1.84	1.88	33.59	27.04	154.7	0.040	1439.3							



DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	CTD 17/APR/1981	827 GMT	CUDE = 5	SALIN	SIG T	SPVUL	DYNHT	SOUND
09	-1.76	-1.76	33.01	26.50	146.1	0.000	1438.3	FRAM 3 STATION 54(1)	0.35	0.42	34.91	28.02	8.9	0.224	1462.8
10	-1.76	-1.76	33.01	26.52	146.0	0.007	1438.4	LAT = 82.9277N	0.48	0.24	34.91	28.02	8.9	0.221	1462.8
11	-1.76	-1.76	33.00	26.52	146.0	0.007	1438.4	LONG = 6.8153E	0.65	0.12	34.90	28.02	8.9	0.231	1463.4
12	-1.80	-1.81	33.00	26.62	146.4	0.012	1438.5	LFEF = 30.0	0.09	0.09	34.90	28.02	8.9	0.235	1463.4
13	-1.82	-1.82	33.10	26.69	134.0	0.022	1438.5	0.0 WIND =	-0.09	-0.09	34.90	28.02	7.5	0.239	1464.3
14	-1.82	-1.82	33.34	26.80	123.0	0.034	1439.2		-0.15	-0.15	34.89	28.03	6.4	0.243	1464.3
15	-1.84	-1.84	33.54	27.00	104.9	0.039	1439.3		-0.21	-0.21	34.89	28.03	6.9	0.247	1465.4
16	-1.85	-1.85	33.57	27.02	102.9	0.045	1439.4		-0.28	-0.28	34.88	28.03	6.2	0.250	1465.4
17	-1.84	-1.84	33.62	27.04	98.9	0.050	1439.5		-0.34	-0.34	34.88	28.03	6.1	0.253	1466.4
18	-1.84	-1.84	33.69	27.12	94.0	0.055	1439.6		-0.40	-0.40	34.88	28.03	5.5	0.259	1467.4
19	-1.84	-1.84	33.79	27.17	89.0	0.060	1439.8		-0.45	-0.45	34.88	28.03	4.9	0.262	1468.4
20	-1.83	-1.83	33.79	27.20	85.0	0.064	1440.0		-0.50	-0.50	34.88	28.03	4.9	0.267	1469.8
21	-1.84	-1.84	33.83	27.23	82.5	0.069	1440.1		-0.55	-0.55	34.87	28.03	4.8	0.270	1469.8
22	-1.85	-1.85	33.85	27.26	80.5	0.073	1440.2		-0.62	-0.62	34.87	28.03	4.7	0.273	1470.5
23	-1.85	-1.85	33.87	27.26	79.5	0.077	1440.4		-0.65	-0.65	34.87	28.03	4.7	0.273	1470.5
24	-1.85	-1.85	33.87	27.26	79.5	0.081	1440.4		-0.62	-0.62	34.87	28.03	4.8	0.273	1470.5

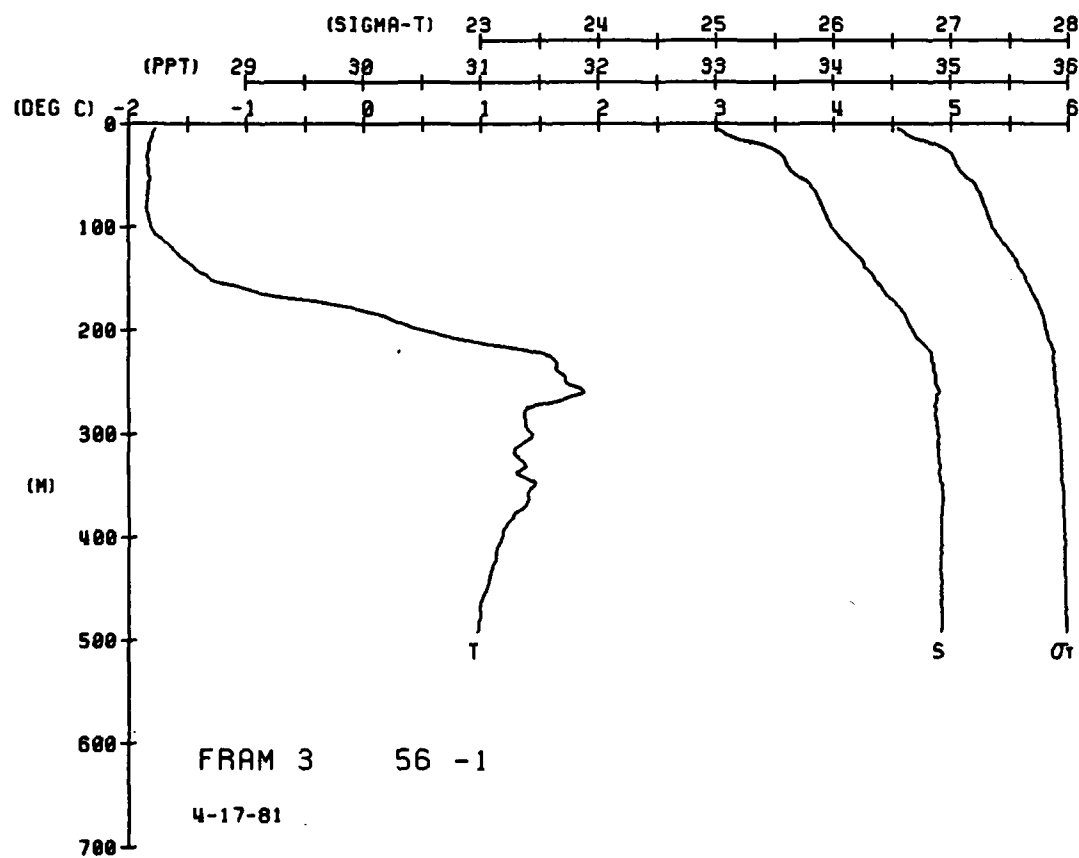
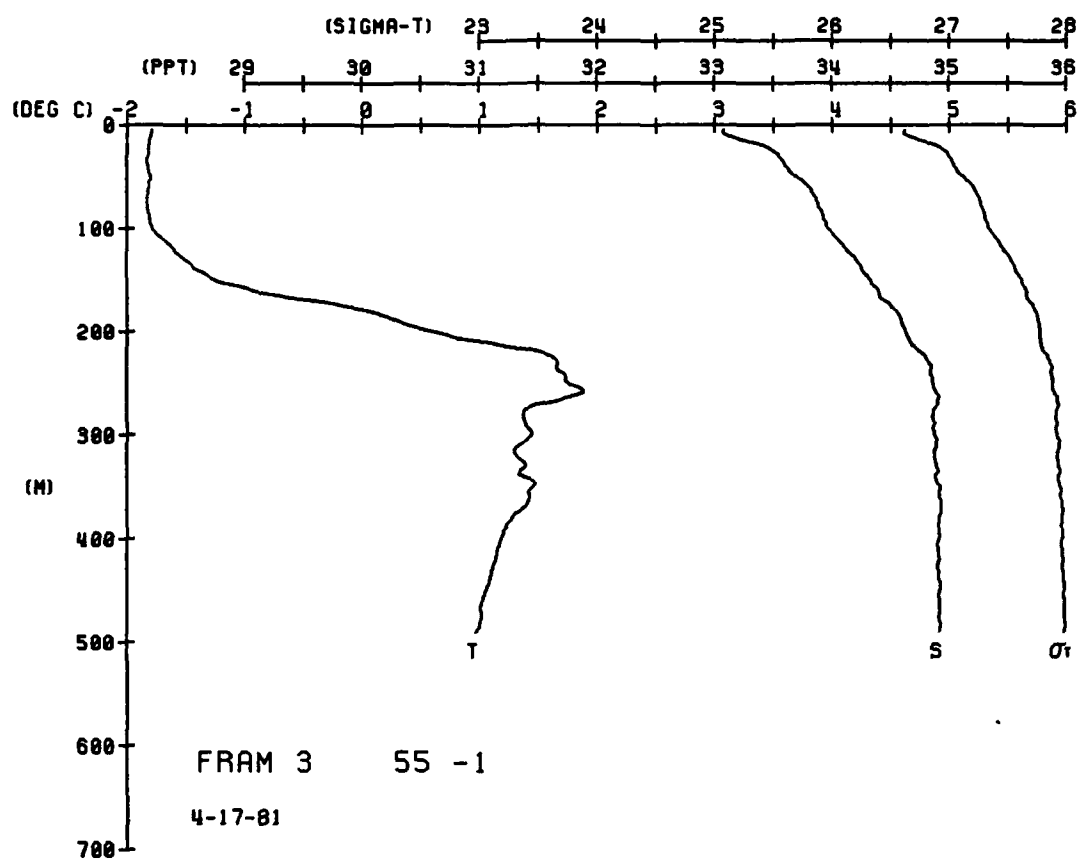


FRAM 3 STATION 55(1) CTU 17/APR/1981 100R GMT CODE = 5
LAT = 82.9258N LNG = 6.8160E LTER = 30.
AIR TEMP = 0.0 BARM = 0.0 WIND = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	79	79	33	26	140	0	1438.2
4	79	79	33	26	140	0	1438.2
10	79	79	33	26	140	0	1438.2
15	79	79	33	26	140	0	1438.2
20	79	79	33	26	140	0	1438.2
25	79	79	33	26	140	0	1438.2
30	79	79	33	26	140	0	1438.2
35	79	79	33	26	140	0	1438.2
40	79	79	33	26	140	0	1438.2
45	79	79	33	26	140	0	1438.2
50	79	79	33	26	140	0	1438.2
55	79	79	33	26	140	0	1438.2
60	79	79	33	26	140	0	1438.2
65	79	79	33	26	140	0	1438.2
70	79	79	33	26	140	0	1438.2
75	79	79	33	26	140	0	1438.2
80	79	79	33	26	140	0	1438.2
85	79	79	33	26	140	0	1438.2
90	79	79	33	26	140	0	1438.2
95	79	79	33	26	140	0	1438.2
100	79	79	33	26	140	0	1438.2
110	79	79	33	26	140	0	1438.2
120	79	79	33	26	140	0	1438.2
130	79	79	33	26	140	0	1438.2
140	79	79	33	26	140	0	1438.2
150	79	79	33	26	140	0	1438.2
160	79	79	33	26	140	0	1438.2
170	79	79	33	26	140	0	1438.2
180	79	79	33	26	140	0	1438.2
190	79	79	33	26	140	0	1438.2
200	79	79	33	26	140	0	1438.2
210	79	79	33	26	140	0	1438.2
220	79	79	33	26	140	0	1438.2
230	79	79	33	26	140	0	1438.2
240	79	79	33	26	140	0	1438.2
250	79	79	33	26	140	0	1438.2
260	79	79	33	26	140	0	1438.2
270	79	79	33	26	140	0	1438.2
280	79	79	33	26	140	0	1438.2
290	79	79	33	26	140	0	1438.2
300	79	79	33	26	140	0	1438.2
310	79	79	33	26	140	0	1438.2
320	79	79	33	26	140	0	1438.2
330	79	79	33	26	140	0	1438.2
340	79	79	33	26	140	0	1438.2
350	79	79	33	26	140	0	1438.2
360	79	79	33	26	140	0	1438.2
370	79	79	33	26	140	0	1438.2
380	79	79	33	26	140	0	1438.2
390	79	79	33	26	140	0	1438.2
400	79	79	33	26	140	0	1438.2
410	79	79	33	26	140	0	1438.2
420	79	79	33	26	140	0	1438.2
430	79	79	33	26	140	0	1438.2
440	79	79	33	26	140	0	1438.2
450	79	79	33	26	140	0	1438.2
460	79	79	33	26	140	0	1438.2
470	79	79	33	26	140	0	1438.2
480	79	79	33	26	140	0	1438.2
490	79	79	33	26	140	0	1438.2
500	79	79	33	26	140	0	1438.2

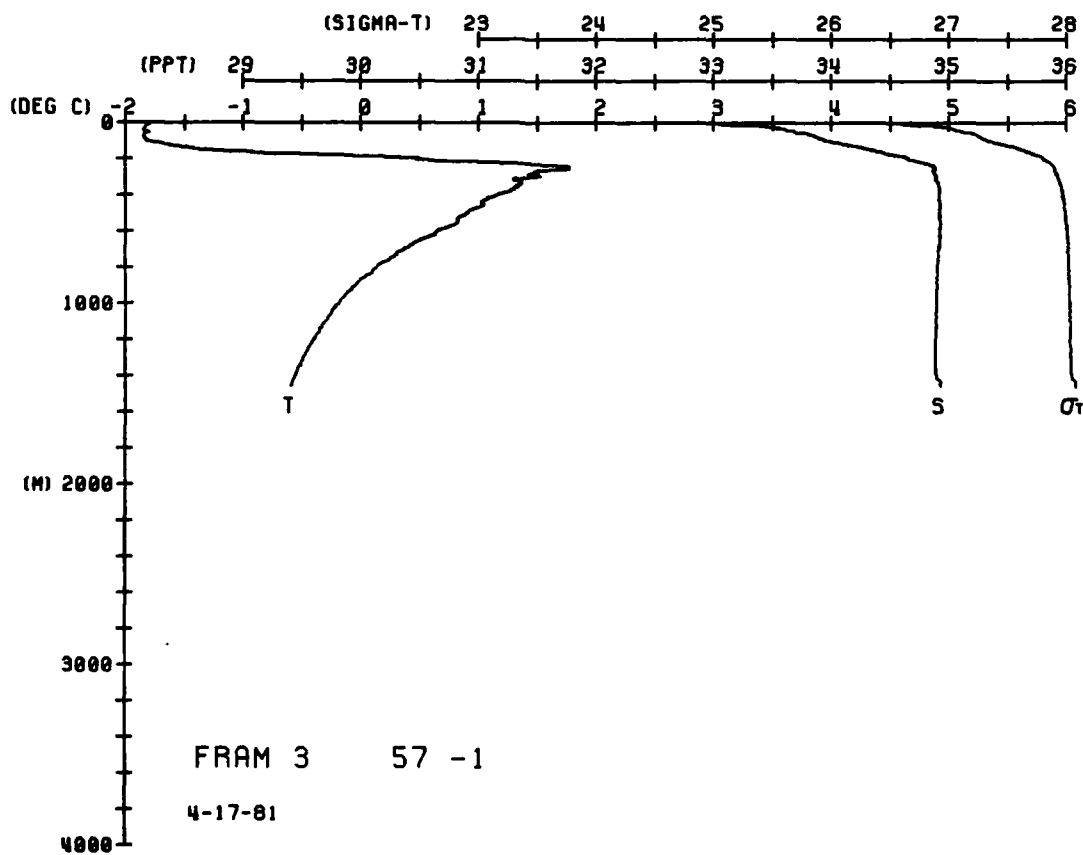
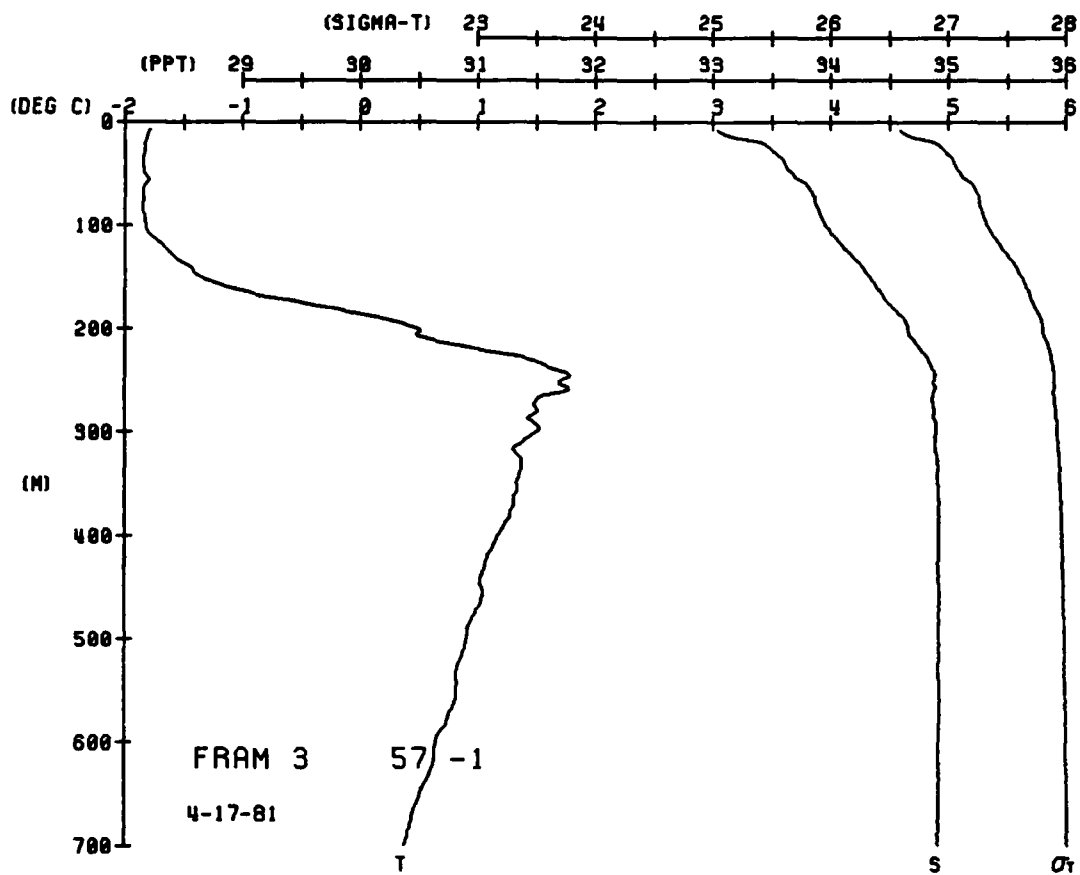
FRAM 3 STATION 56(1) CTU 17/APR/1981 100R GMT CODE = 5
LAT = 82.9258N LNG = 6.8160E LTER = 30.
AIR TEMP = 0.0 BARM = 0.0 WIND = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	77	77	32	26	149	0	1438.2
4	77	77	32	26	149	0	1438.2
10	77	77	32	26	149	0	1438.2
15	77	77	32	26	149	0	1438.2
20	77	77	32	26	149	0	1438.2
25	77	77	32	26	149	0	1438.2
30	77	77	32	26	149	0	1438.2
35	77	77	32	26	149	0	1438.2
40	77	77	32	26	149	0	1438.2
45	77	77	32	26	149	0	1438.2
50	77	77	32	26	149	0	1438.2
55	77	77	32	26	149	0	1438.2
60	77	77	32	26	149	0	1438.2
65	77	77	32	26	149	0	1438.2
70	77	77	32	26	149	0	1438.2
75	77	77	32	26	149	0	1438.2
80	77	77	32	26	149	0	1438.2
85	77	77	32	26	149	0	1438.2
90	77	77	32	26	149	0	1438.2
95	77	77	32	26	149	0	1438.2
100	77	77	32	26	149	0	1438.2
110	77	77	32	26	149	0	1438.2
120	77	77	32	26	149	0	1438.2
130	77	77	32	26	149	0	1438.2
140	77	77	32	26	149	0	1438.2
150	77	77	32	26	149	0	1438.2
160	77	77	32	26	149	0	1438.2
170	77	77	32	26	149	0	1438.2
180	77	77	32	26	149	0	1438.2
190	77	77	32	26	149	0	1438.2
200	77	77	32	26	149	0	1438.2
210	77	77	32	26	149	0	1438.2
220	77	77	32	26	149	0	1438.2
230	77	77	32	26	149	0	1438.2
240	77	77	32	26	149	0	1438.2
250	77	77	32	26	149	0	1438.2
260	77	77	32	26	149	0	1438.2
270	77	77	32	26	149	0	1438.2
280	77	77	32	26	149	0	1438.2
290	77	77	32	26	149	0	1438.2
300	77	77	32	26	149	0	1438.2
310	77	77	32	26	149	0	1438.2
320	77	77	32	26	149	0	1438.2
330	77	77	32	26	149	0	1438.2
340	77	77	32	26	149	0	1438.2
350	77	77	32	26	149	0	1438.2
360	77	77	32	26	149	0	1438.2
370	77	77	32	26	149	0	1438.2
380	77	77	32	26	149	0	1438.2
390	77	77	32	26	149	0	1438.2
400	77	77	32	26	149	0	1438.2
410	77	77	32	26	149	0	1438.2
420	77	77	32	26	149	0	1438.2
430	77	77	32	26	149	0	1438.2
440	77	77	32	26	149	0	1438.2
450	77	77	32	26	149	0	1438.2
460	77	77	32	26	149	0	1438.2
470	77	77	32	26	149	0	1438.2
480	77	77	32	26	149	0	1438.2
490	77	77	32	26	149	0	1438.2
500	77	77	32	26	149	0	1438.2



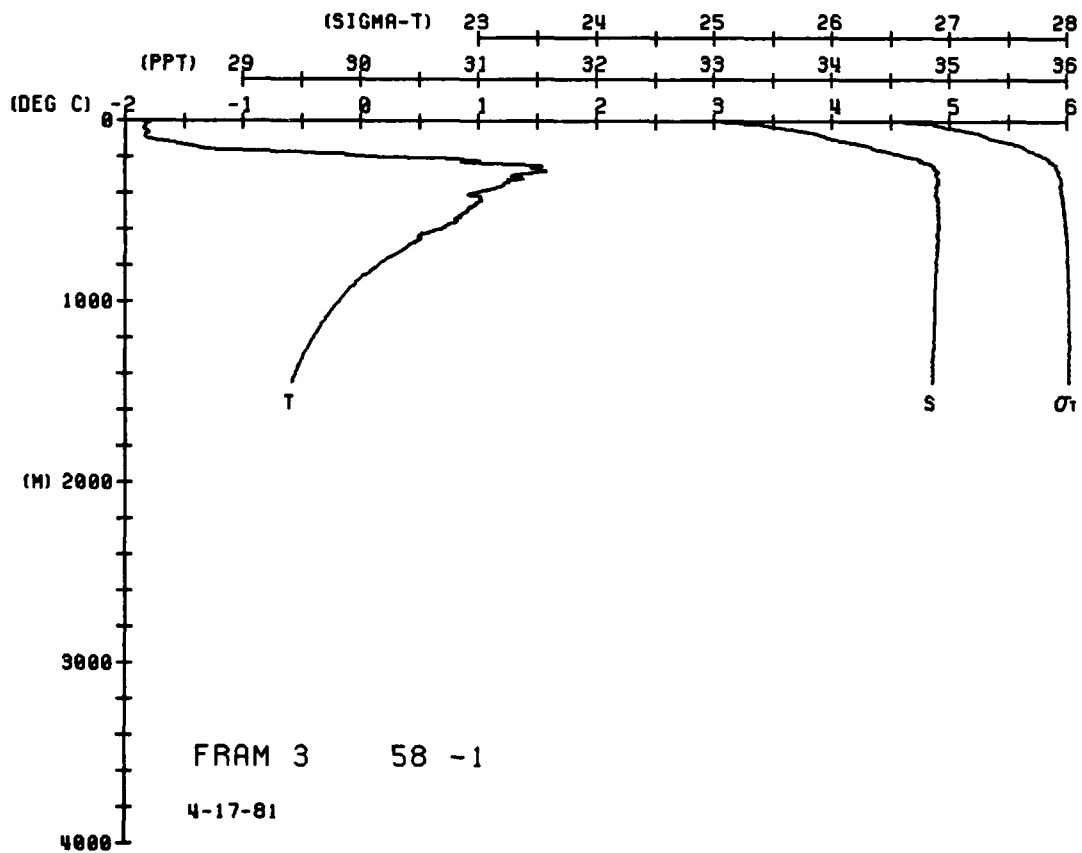
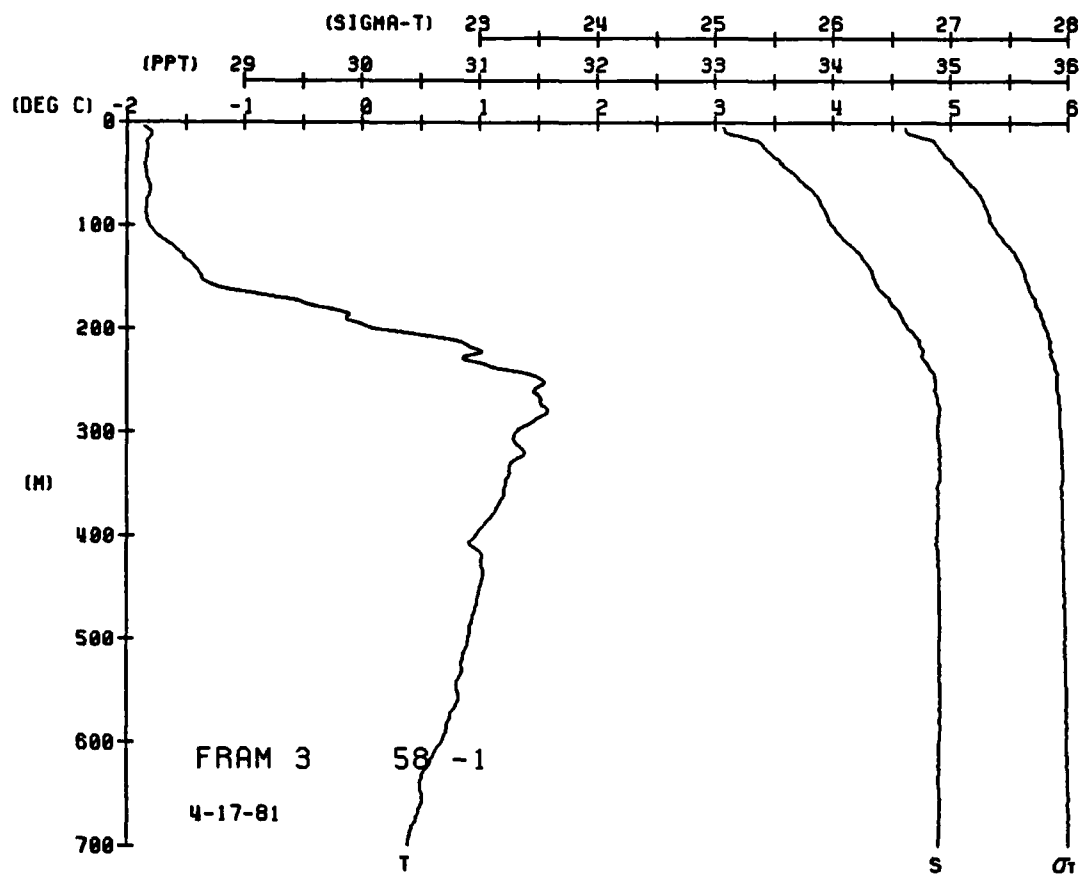
FROM 3 STATION 57(1) CTD 17/APR/1981 1404 GMT CODE = 5
 LAT = 82.9170N LNG = 6.8132E LTER = 30
 AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

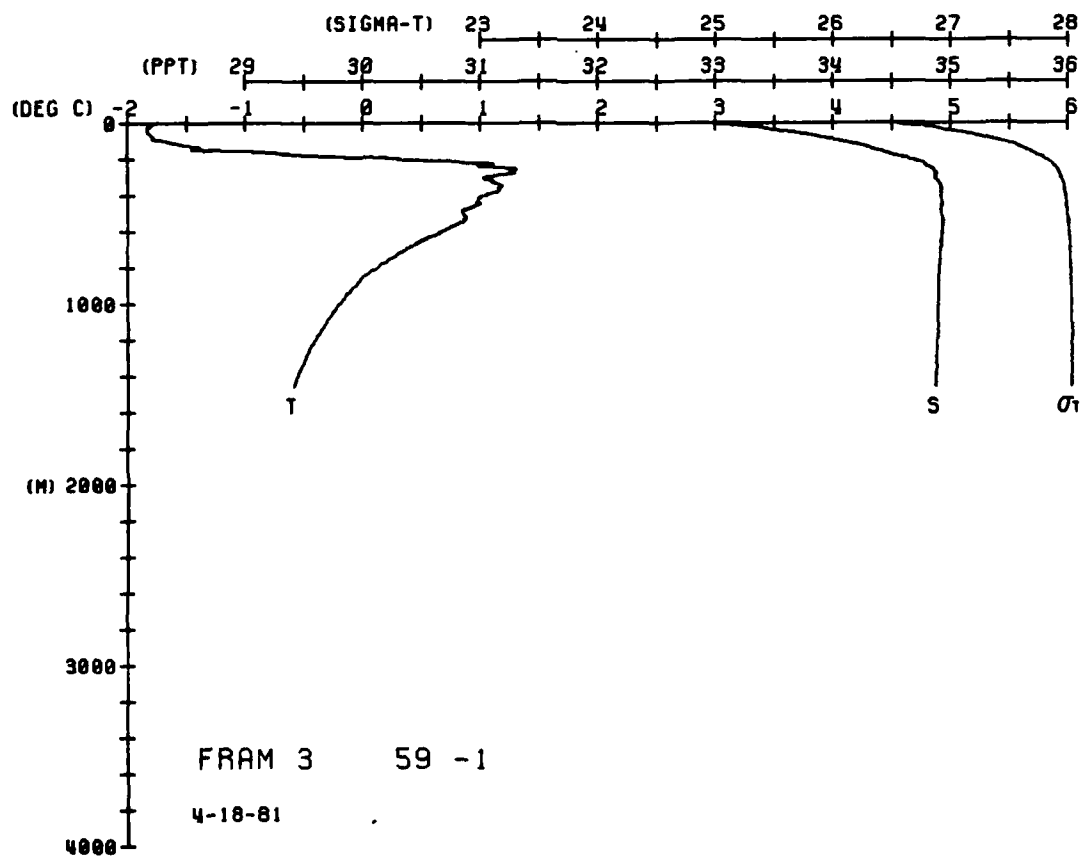
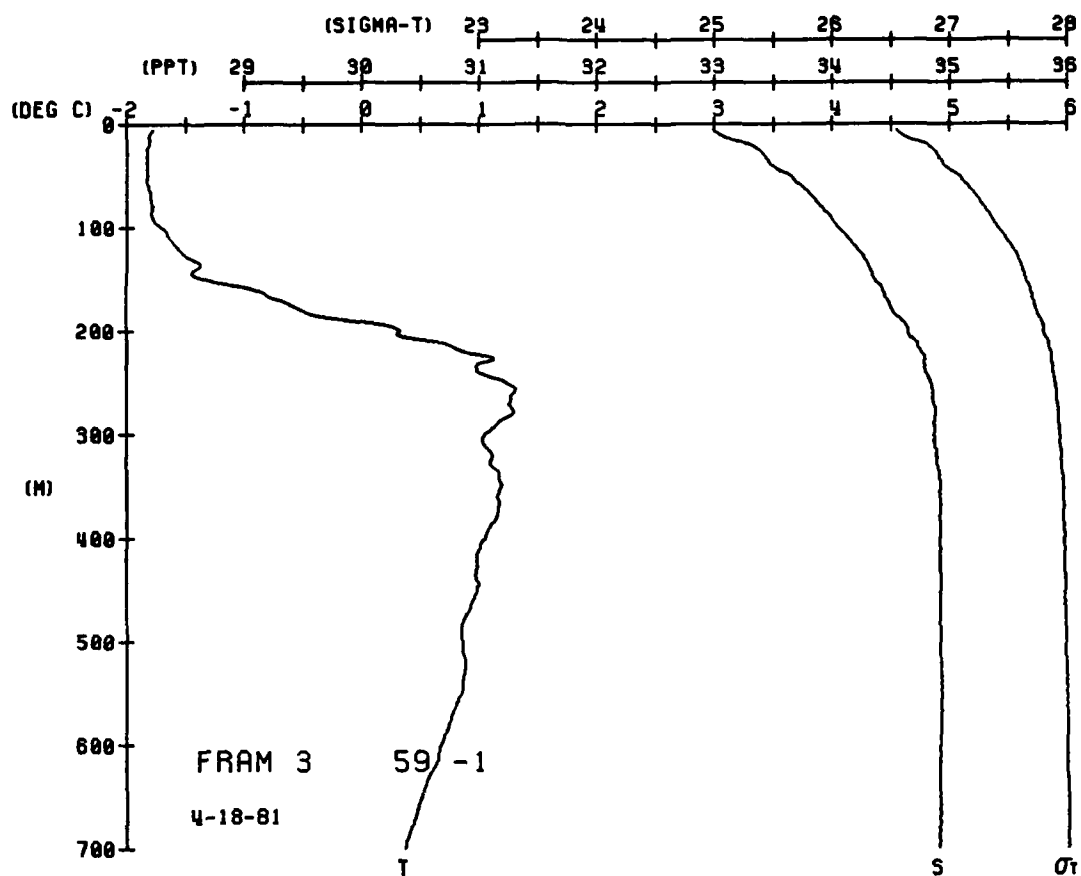
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	79	79	33	26	144	0	1438	710	0	0	34	28	9	0	1462
5	79	79	33	26	144	0	1438	740	0	0	34	28	8	0	1463
10	79	79	33	26	144	0	1438	790	0	0	34	28	8	0	1463
15	79	79	33	26	144	0	1438	840	0	0	34	28	7	0	1463
20	79	79	33	26	144	0	1438	890	0	0	34	28	6	0	1464
25	79	79	33	26	144	0	1438	940	0	0	34	28	6	0	1464
30	79	79	33	26	144	0	1438	990	0	0	34	28	5	0	1465
35	79	79	33	26	144	0	1438	1040	0	0	34	28	5	0	1465
40	79	79	33	26	144	0	1438	1090	0	0	34	28	5	0	1466
45	79	79	33	26	144	0	1438	1140	0	0	34	28	5	0	1466
50	79	79	33	26	144	0	1438	1190	0	0	34	28	5	0	1467
55	79	79	33	26	144	0	1438	1240	0	0	34	28	5	0	1467
60	79	79	33	26	144	0	1438	1290	0	0	34	28	5	0	1468
65	79	79	33	26	144	0	1438	1340	0	0	34	28	5	0	1468
70	79	79	33	26	144	0	1438	1390	0	0	34	28	5	0	1469
75	79	79	33	26	144	0	1438	1440	0	0	34	28	5	0	1469
80	79	79	33	26	144	0	1438	1457	0	0	34	28	5	0	1470
85	79	79	33	26	144	0	1438								
90	79	79	33	26	144	0	1438								
95	79	79	33	26	144	0	1438								
100	79	79	33	26	144	0	1438								
105	79	79	33	26	144	0	1438								
110	79	79	33	26	144	0	1438								
115	79	79	33	26	144	0	1438								
120	79	79	33	26	144	0	1438								
125	79	79	33	26	144	0	1438								
130	79	79	33	26	144	0	1438								
135	79	79	33	26	144	0	1438								
140	79	79	33	26	144	0	1438								
145	79	79	33	26	144	0	1438								
150	79	79	33	26	144	0	1438								
155	79	79	33	26	144	0	1438								
160	79	79	33	26	144	0	1438								
165	79	79	33	26	144	0	1438								
170	79	79	33	26	144	0	1438								
175	79	79	33	26	144	0	1438								
180	79	79	33	26	144	0	1438								
185	79	79	33	26	144	0	1438								
190	79	79	33	26	144	0	1438								
195	79	79	33	26	144	0	1438								
200	79	79	33	26	144	0	1438								
205	79	79	33	26	144	0	1438								
210	79	79	33	26	144	0	1438								
215	79	79	33	26	144	0	1438								
220	79	79	33	26	144	0	1438								
225	79	79	33	26	144	0	1438								
230	79	79	33	26	144	0	1438								
235	79	79	33	26	144	0	1438								
240	79	79	33	26	144	0	1438								
245	79	79	33	26	144	0	1438								
250	79	79	33	26	144	0	1438								
255	79	79	33	26	144	0	1438								
260	79	79	33	26	144	0	1438								
265	79	79	33	26	144	0	1438								
270	79	79	33	26	144	0	1438								
275	79	79	33	26	144	0	1438								
280	79	79	33	26	144	0	1438								
285	79	79	33	26	144	0	1438								
290	79	79	33	26	144	0	1438								
295	79	79	33	26	144	0	1438								
300	79	79	33	26	144	0	1438								
305	79	79	33	26	144	0	1438								
310	79	79	33	26	144	0	1438								
315	79	79	33	26	144	0	1438								
320	79	79	33	26	144	0	1438								
325	79	79	33	26	144	0	1438								
330	79	79	33	26	144	0	1438								
335	79	79	33	26	144	0	1438								
340	79	79	33	26	144	0	1438								
345	79	79	33	26	144	0	1438								
350	79	79	33	26	144	0	1438								
355	79	79	33	26	144	0	1438								
360	79	79	33	26	144	0	1438								
365	79	79	33	26	144	0	1438								
370	79	79	33	26	144	0	1438								
375	79	79	33	26	144	0	1438								
380	79	79	33	26	144	0	1438								
385	79	79	33	26	144	0	1438								
390	79	79	33	26	144	0	1438								
395	79	79	33	26	144	0	1438								
400	79	79	33	26	144	0	1438								
405	79	79	33	26	144	0	1438								
410	79	79	33	26	144	0	1438								
415	79	79	33	26	144	0	1438								
420	79	79	33	26	144	0	1438								
425	79	79	33	26	144	0	1438								
430	79	79	33	26	144	0	1438								
435	79	79	33	26	144	0	1438								
440	79	79	33	26	144	0	1438								
445	79	79	33	26	144	0	1438								
450	79	79	33	26	144	0	1438								
455	79	79	33	26	144	0	1438								
460	79	79	33	26	144	0	1438								
465	79	79	33	26	144	0	1438								
470	79	79	33	26	144	0	1438								
475	79	79	33	26	144	0	1438								
480	79	79	33	26	144	0	1438								
485	79	79	33	26	144	0	1438								
490	79	79	33	26	144	0	1438								
495	79	79	33	26	144	0	1438								
500	79	79	33	26	144	0	1438								



FKAM 3 STATION 58(1) CTU 17/ APR/ 1981
LAT = 42.9002N LNC = 6.7967E LTR =
AIN TEMP = 0.0 HARM = 0.0 WIND =

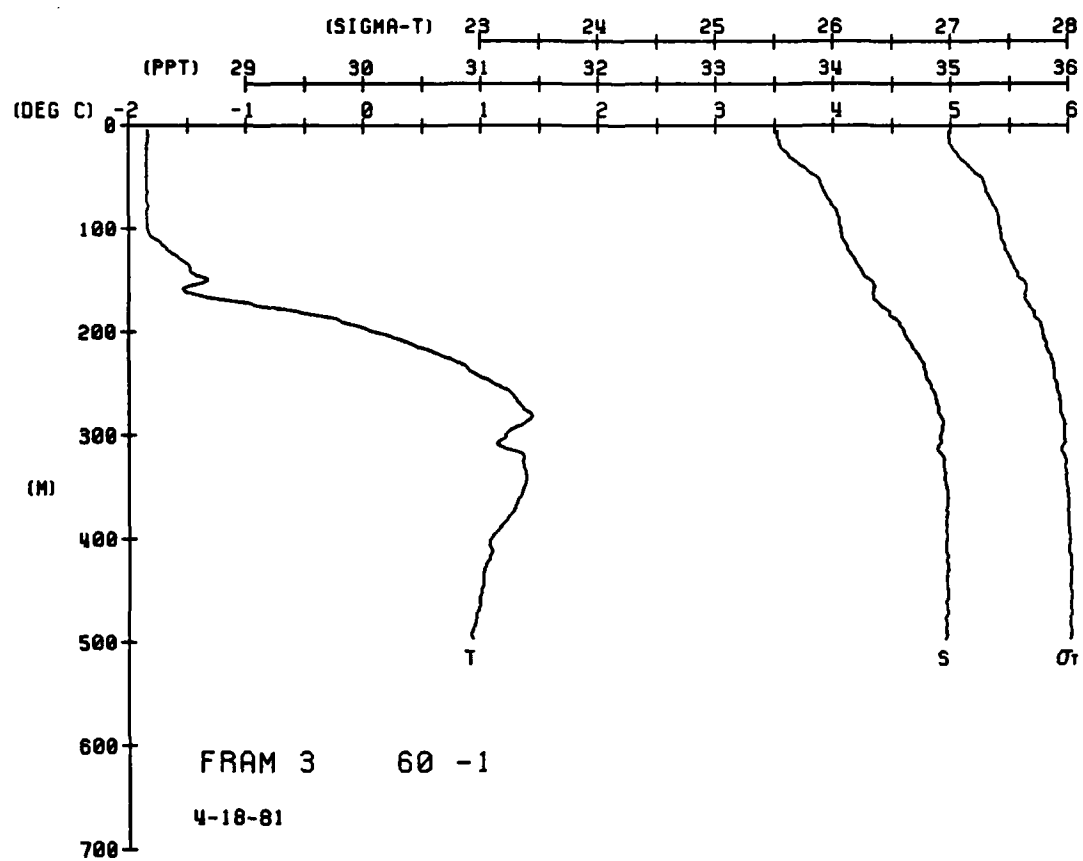
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	88.5	88.5	33.3	1.1	5.4	0.0	143.7	740	0.0	37	34.9	0.1	10.7	0.0	142.8
5	88.5	88.5	33.3	1.1	5.4	0.0	143.7	750	0.16	35	34.9	0.1	9.2	22.9	142.3
10	88.5	88.5	33.3	1.1	5.4	0.0	143.7	800	0.0	37	34.9	0.1	8.8	23.4	141.8
15	88.5	88.5	33.3	1.1	5.4	0.0	143.7	850	0.0	37	34.9	0.1	8.8	23.4	141.8
20	88.5	88.5	33.3	1.1	5.4	0.0	143.7	900	0.0	37	34.9	0.1	8.8	23.4	141.8
25	88.5	88.5	33.3	1.1	5.4	0.0	143.7	950	0.0	37	34.9	0.1	8.8	23.4	141.8
30	88.5	88.5	33.3	1.1	5.4	0.0	143.7	1000	0.0	37	34.9	0.1	8.8	23.4	141.8
35	88.5	88.5	33.3	1.1	5.4	0.0	143.7	1100	0.0	37	34.9	0.1	8.8	23.4	141.8
40	88.5	88.5	33.3	1.1	5.4	0.0	143.7	1150	0.0	37	34.9	0.1	8.8	23.4	141.8
45	88.5	88.5	33.3	1.1	5.4	0.0	143.7	1200	0.0	37	34.9	0.1	8.8	23.4	141.8
50	88.5	88.5	33.3	1.1	5.4	0.0	143.7	1300	0.0	37	34.9	0.1	8.8	23.4	141.8
55	88.5	88.5	33.3	1.1	5.4	0.0	143.7	1400	0.0	37	34.9	0.1	8.8	23.4	141.8
60	88.5	88.5	33.3	1.1	5.4	0.0	143.7	1450	0.0	37	34.9	0.1	8.8	23.4	141.8





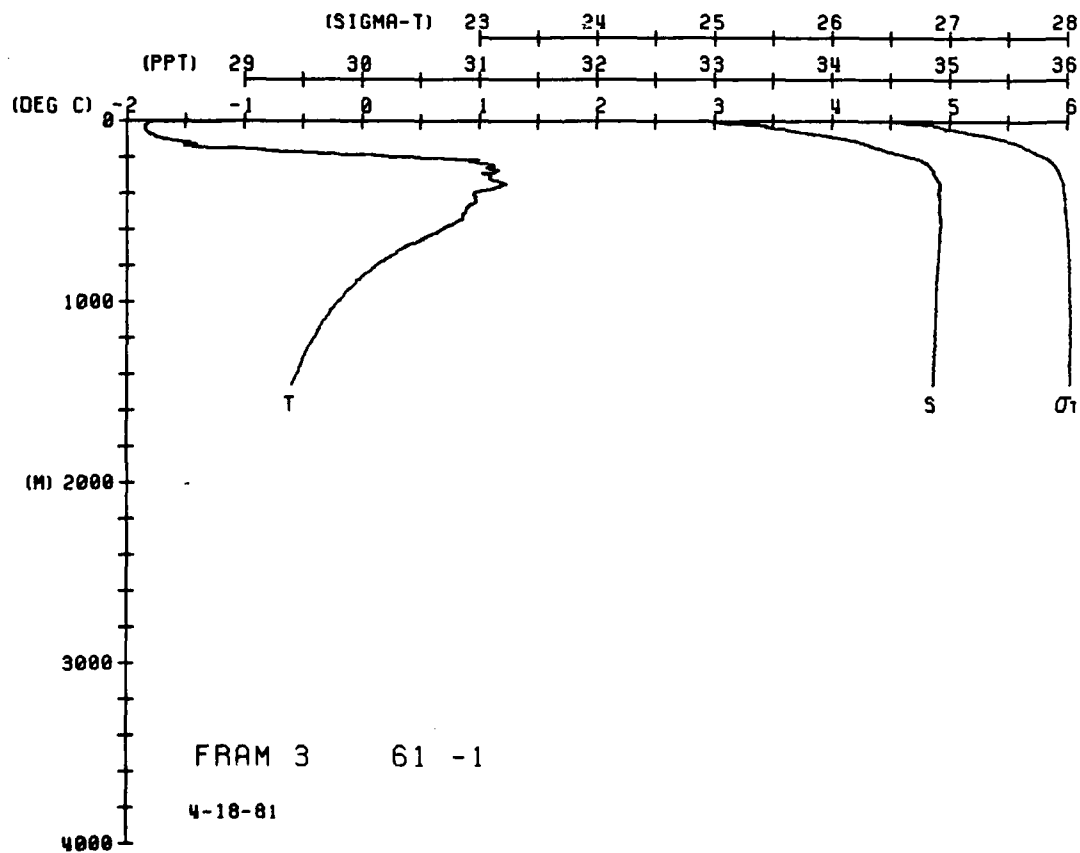
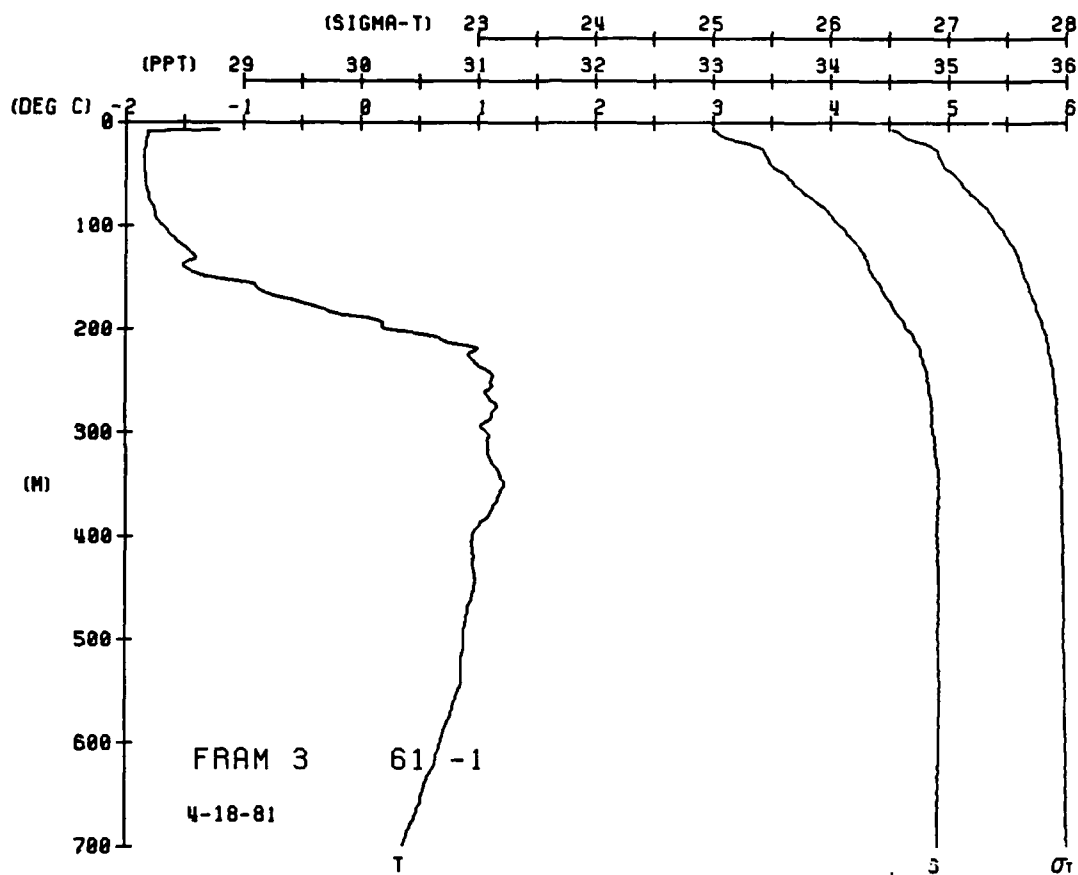
FRAM 3 STATION 60(1) CTU 18/APR/1981 1003 GMT CODE = 5
 LAT = 83.0850N LNC = 12.1507E LTER = 300. LGER = 300.
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

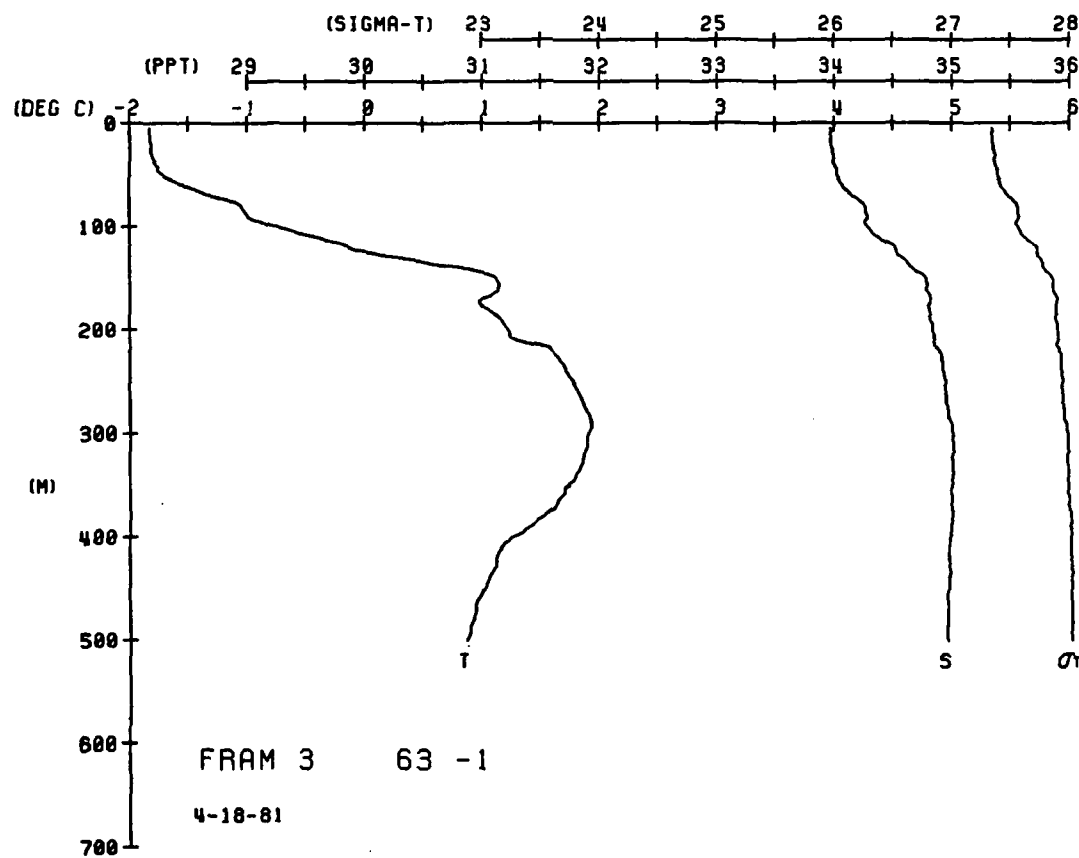
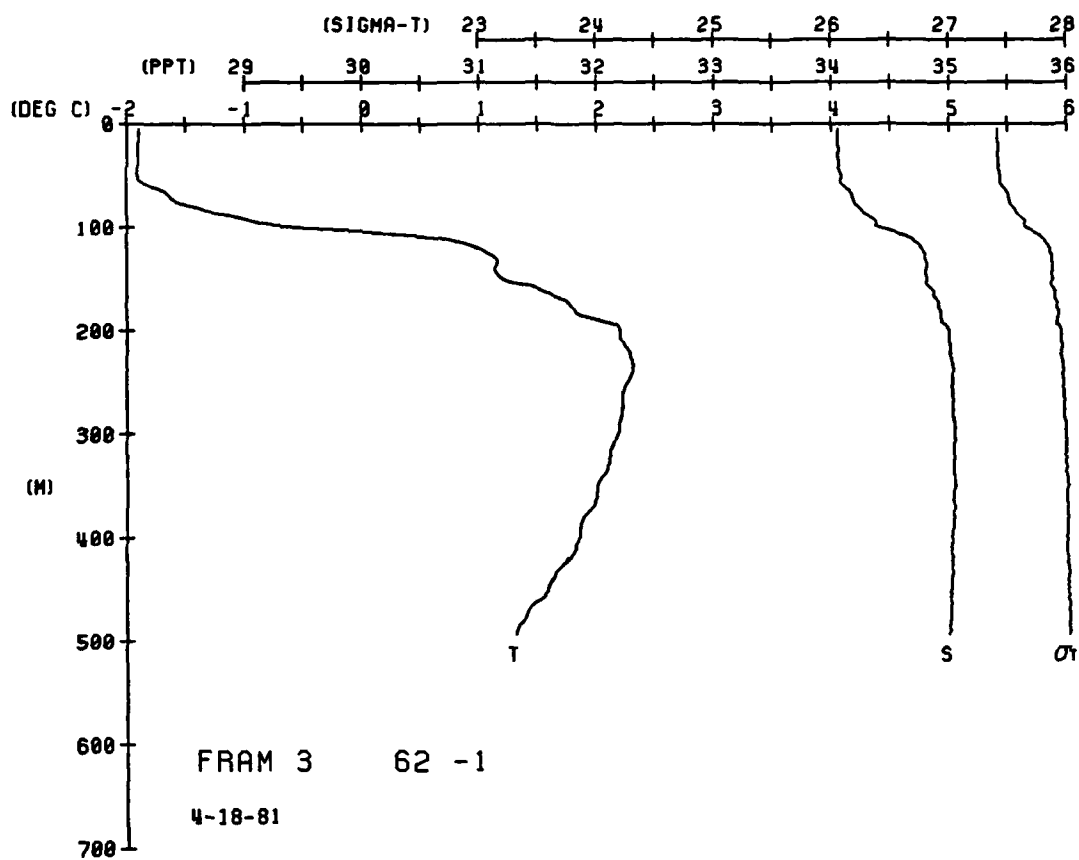
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	1.84	1.84	33.53	26.98	106.2	0.000	1488.7
4.0	1.84	1.84	33.53	26.98	106.2	0.004	1488.7
10.0	1.84	1.84	33.53	26.98	106.6	0.005	1488.8
20.0	1.84	1.84	33.53	26.98	106.6	0.011	1488.8
30.0	1.84	1.84	33.53	26.98	106.6	0.016	1488.9
40.0	1.84	1.84	33.53	26.98	106.6	0.021	1488.9
50.0	1.84	1.84	33.53	26.98	106.6	0.027	1489.0
60.0	1.84	1.84	33.53	26.98	106.6	0.032	1489.1
70.0	1.84	1.84	33.53	26.98	106.6	0.036	1489.4
80.0	1.84	1.84	33.53	26.98	106.6	0.041	1489.6
90.0	1.84	1.84	33.53	26.98	106.6	0.045	1489.8
100.0	1.84	1.84	33.53	26.98	106.6	0.050	1489.9
110.0	1.84	1.84	33.53	26.98	106.6	0.054	1490.1
120.0	1.84	1.84	33.53	26.98	106.6	0.058	1490.2
130.0	1.84	1.84	33.53	26.98	106.6	0.061	1490.3
140.0	1.84	1.84	33.53	26.98	106.6	0.065	1490.4
150.0	1.84	1.84	33.53	26.98	106.6	0.069	1490.5
160.0	1.84	1.84	33.53	26.98	106.6	0.072	1490.7
170.0	1.84	1.84	33.53	26.98	106.6	0.076	1490.7
180.0	1.84	1.84	33.53	26.98	106.6	0.079	1490.8
190.0	1.84	1.84	33.53	26.98	106.6	0.082	1490.9
200.0	1.84	1.84	33.53	26.98	106.6	0.086	1491.1
210.0	1.84	1.84	33.53	26.98	106.6	0.090	1491.5
220.0	1.84	1.84	33.53	26.98	106.6	0.094	1491.7
230.0	1.84	1.84	33.53	26.98	106.6	0.098	1491.7
240.0	1.84	1.84	33.53	26.98	106.6	0.101	1491.6
250.0	1.84	1.84	33.53	26.98	106.6	0.105	1491.9
260.0	1.84	1.84	33.53	26.98	106.6	0.109	1492.1
270.0	1.84	1.84	33.53	26.98	106.6	0.113	1492.4
280.0	1.84	1.84	33.53	26.98	106.6	0.117	1492.5
290.0	1.84	1.84	33.53	26.98	106.6	0.121	1492.5
300.0	1.84	1.84	33.53	26.98	106.6	0.125	1492.5
310.0	1.84	1.84	33.53	26.98	106.6	0.129	1492.5
320.0	1.84	1.84	33.53	26.98	106.6	0.133	1492.5
330.0	1.84	1.84	33.53	26.98	106.6	0.137	1492.5
340.0	1.84	1.84	33.53	26.98	106.6	0.141	1492.5
350.0	1.84	1.84	33.53	26.98	106.6	0.145	1492.5
360.0	1.84	1.84	33.53	26.98	106.6	0.149	1492.5
370.0	1.84	1.84	33.53	26.98	106.6	0.153	1492.5
380.0	1.84	1.84	33.53	26.98	106.6	0.157	1492.5
390.0	1.84	1.84	33.53	26.98	106.6	0.161	1492.5
400.0	1.84	1.84	33.53	26.98	106.6	0.165	1492.5
410.0	1.84	1.84	33.53	26.98	106.6	0.169	1492.5
420.0	1.84	1.84	33.53	26.98	106.6	0.173	1492.5
430.0	1.84	1.84	33.53	26.98	106.6	0.177	1492.5
440.0	1.84	1.84	33.53	26.98	106.6	0.181	1492.5
450.0	1.84	1.84	33.53	26.98	106.6	0.185	1492.5
460.0	1.84	1.84	33.53	26.98	106.6	0.189	1492.5
470.0	1.84	1.84	33.53	26.98	106.6	0.193	1492.5
480.0	1.84	1.84	33.53	26.98	106.6	0.197	1492.5
490.0	1.84	1.84	33.53	26.98	106.6	0.201	1492.5
500.0	1.84	1.84	33.53	26.98	106.6	0.205	1492.5



FRAM 3 STATION 61(1) CTD 18/APR/1981 1101 GMT CUDE = 5
 LAT = 82.8533N LNG = 6.7642E LTR = 30. UGER = 30.
 AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

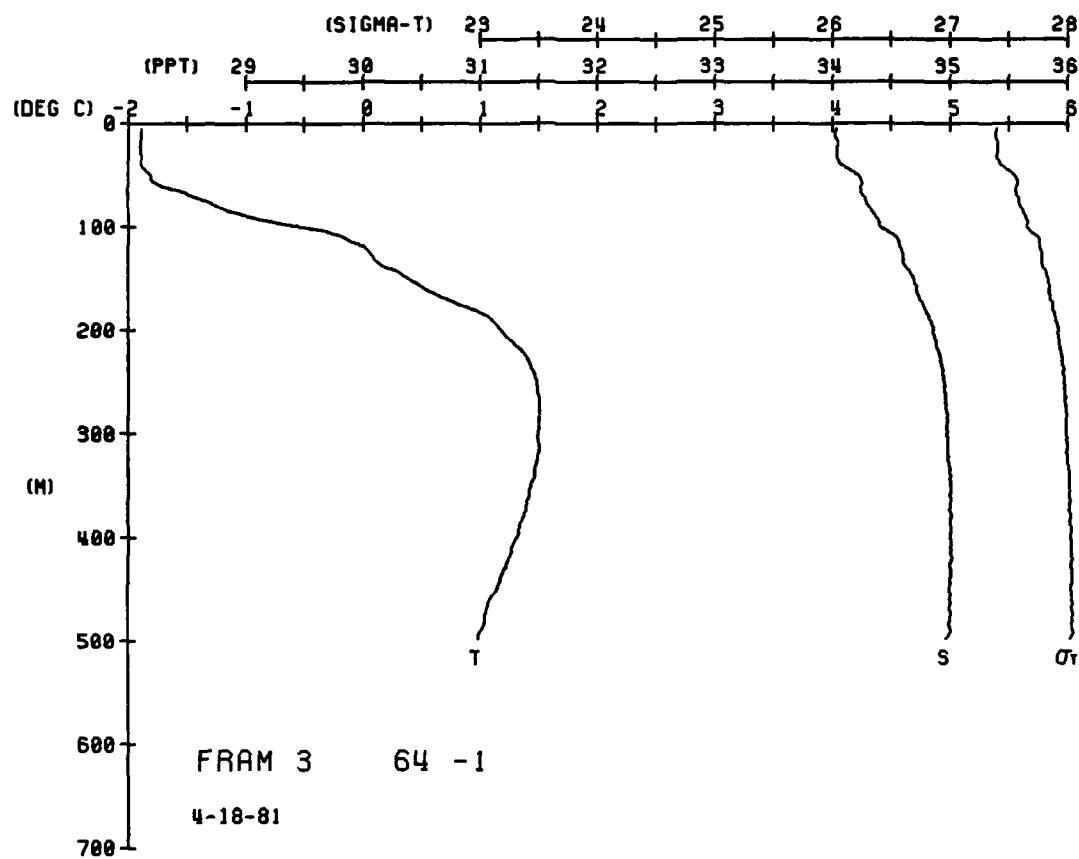
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	2.2	1.2	32.9	26.5	1.1	0.000	1440.9	0	0.33	0.34	34.92	28.02	8.7	0.215	1462.5
5	2.2	1.2	32.9	26.5	1.1	0.004	1441.0	5	0.33	0.34	34.91	28.02	8.7	0.215	1462.5
10	2.2	1.2	32.9	26.5	1.1	0.015	1441.3	10	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
15	2.2	1.2	32.9	26.5	1.1	0.022	1441.4	15	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
20	2.2	1.2	32.9	26.5	1.1	0.029	1441.5	20	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
25	2.2	1.2	32.9	26.5	1.1	0.041	1441.6	25	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
30	2.2	1.2	32.9	26.5	1.1	0.045	1441.7	30	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
35	2.2	1.2	32.9	26.5	1.1	0.052	1441.8	35	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
40	2.2	1.2	32.9	26.5	1.1	0.067	1441.9	40	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
45	2.2	1.2	32.9	26.5	1.1	0.077	1442.0	45	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
50	2.2	1.2	32.9	26.5	1.1	0.081	1442.1	50	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
55	2.2	1.2	32.9	26.5	1.1	0.089	1442.2	55	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
60	2.2	1.2	32.9	26.5	1.1	0.093	1442.3	60	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
65	2.2	1.2	32.9	26.5	1.1	0.099	1442.4	65	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
70	2.2	1.2	32.9	26.5	1.1	0.103	1442.5	70	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
75	2.2	1.2	32.9	26.5	1.1	0.109	1442.6	75	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
80	2.2	1.2	32.9	26.5	1.1	0.114	1442.7	80	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
85	2.2	1.2	32.9	26.5	1.1	0.119	1442.8	85	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
90	2.2	1.2	32.9	26.5	1.1	0.124	1442.9	90	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
95	2.2	1.2	32.9	26.5	1.1	0.128	1443.0	95	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
100	2.2	1.2	32.9	26.5	1.1	0.136	1443.1	100	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
105	2.2	1.2	32.9	26.5	1.1	0.140	1443.2	105	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
110	2.2	1.2	32.9	26.5	1.1	0.143	1443.3	110	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
115	2.2	1.2	32.9	26.5	1.1	0.148	1443.4	115	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
120	2.2	1.2	32.9	26.5	1.1	0.151	1443.5	120	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
125	2.2	1.2	32.9	26.5	1.1	0.153	1443.6	125	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
130	2.2	1.2	32.9	26.5	1.1	0.155	1443.7	130	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
135	2.2	1.2	32.9	26.5	1.1	0.157	1443.8	135	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
140	2.2	1.2	32.9	26.5	1.1	0.159	1443.9	140	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
145	2.2	1.2	32.9	26.5	1.1	0.163	1444.0	145	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
150	2.2	1.2	32.9	26.5	1.1	0.165	1444.1	150	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
155	2.2	1.2	32.9	26.5	1.1	0.166	1444.2	155	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
160	2.2	1.2	32.9	26.5	1.1	0.168	1444.3	160	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
165	2.2	1.2	32.9	26.5	1.1	0.170	1444.4	165	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
170	2.2	1.2	32.9	26.5	1.1	0.171	1444.5	170	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
175	2.2	1.2	32.9	26.5	1.1	0.172	1444.6	175	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
180	2.2	1.2	32.9	26.5	1.1	0.174	1444.7	180	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
185	2.2	1.2	32.9	26.5	1.1	0.175	1444.8	185	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
190	2.2	1.2	32.9	26.5	1.1	0.177	1444.9	190	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
195	2.2	1.2	32.9	26.5	1.1	0.180	1445.0	195	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
200	2.2	1.2	32.9	26.5	1.1	0.181	1445.1	200	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
205	2.2	1.2	32.9	26.5	1.1	0.182	1445.2	205	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
210	2.2	1.2	32.9	26.5	1.1	0.183	1445.3	210	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
215	2.2	1.2	32.9	26.5	1.1	0.185	1445.4	215	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
220	2.2	1.2	32.9	26.5	1.1	0.187	1445.5	220	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
225	2.2	1.2	32.9	26.5	1.1	0.189	1445.6	225	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
230	2.2	1.2	32.9	26.5	1.1	0.191	1445.7	230	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
235	2.2	1.2	32.9	26.5	1.1	0.193	1445.8	235	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
240	2.2	1.2	32.9	26.5	1.1	0.195	1445.9	240	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
245	2.2	1.2	32.9	26.5	1.1	0.197	1446.0	245	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
250	2.2	1.2	32.9	26.5	1.1	0.199	1446.1	250	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
255	2.2	1.2	32.9	26.5	1.1	0.201	1446.2	255	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
260	2.2	1.2	32.9	26.5	1.1	0.203	1446.3	260	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
265	2.2	1.2	32.9	26.5	1.1	0.205	1446.4	265	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
270	2.2	1.2	32.9	26.5	1.1	0.207	1446.5	270	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
275	2.2	1.2	32.9	26.5	1.1	0.209	1446.6	275	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
280	2.2	1.2	32.9	26.5	1.1	0.211	1446.7	280	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
285	2.2	1.2	32.9	26.5	1.1	0.213	1446.8	285	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
290	2.2	1.2	32.9	26.5	1.1	0.215	1446.9	290	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
295	2.2	1.2	32.9	26.5	1.1	0.217	1447.0	295	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
300	2.2	1.2	32.9	26.5	1.1	0.219	1447.1	300	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
305	2.2	1.2	32.9	26.5	1.1	0.221	1447.2	305	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
310	2.2	1.2	32.9	26.5	1.1	0.223	1447.3	310	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
315	2.2	1.2	32.9	26.5	1.1	0.225	1447.4	315	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
320	2.2	1.2	32.9	26.5	1.1	0.227	1447.5	320	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
325	2.2	1.2	32.9	26.5	1.1	0.229	1447.6	325	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
330	2.2	1.2	32.9	26.5	1.1	0.231	1447.7	330	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
335	2.2	1.2	32.9	26.5	1.1	0.233	1447.8	335	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
340	2.2	1.2	32.9	26.5	1.1	0.235	1447.9	340	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
345	2.2	1.2	32.9	26.5	1.1	0.237	1448.0	345	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
350	2.2	1.2	32.9	26.5	1.1	0.239	1448.1	350	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
355	2.2	1.2	32.9	26.5	1.1	0.241	1448.2	355	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
360	2.2	1.2	32.9	26.5	1.1	0.243	1448.3	360	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
365	2.2	1.2	32.9	26.5	1.1	0.245	1448.4	365	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
370	2.2	1.2	32.9	26.5	1.1	0.247	1448.5	370	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
375	2.2	1.2	32.9	26.5	1.1	0.249	1448.6	375	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
380	2.2	1.2	32.9	26.5	1.1	0.251	1448.7	380	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
385	2.2	1.2	32.9	26.5	1.1	0.253	1448.8	385	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
390	2.2	1.2	32.9	26.5	1.1	0.255	1448.9	390	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
395	2.2	1.2	32.9	26.5	1.1	0.257	1449.0	395	0.33	0.34	34.90	28.02	8.7	0.215	1462.5
400	2.2	1.2	32.9	26.											





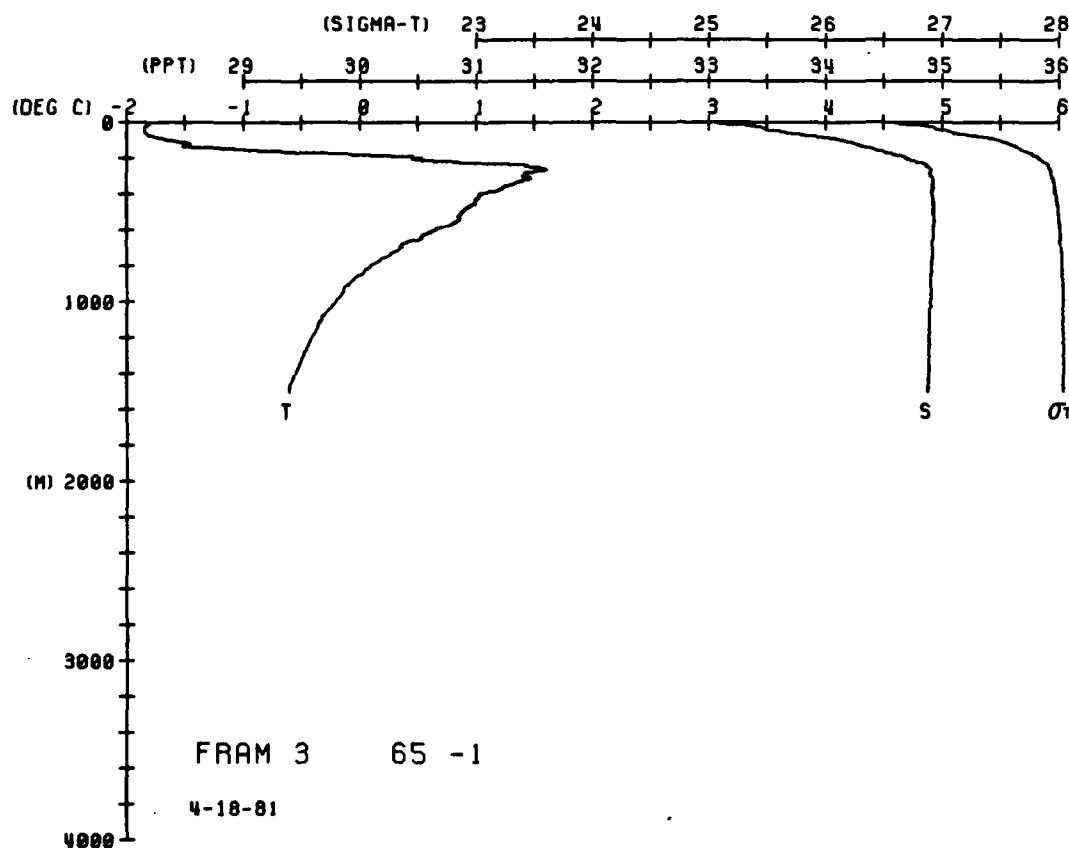
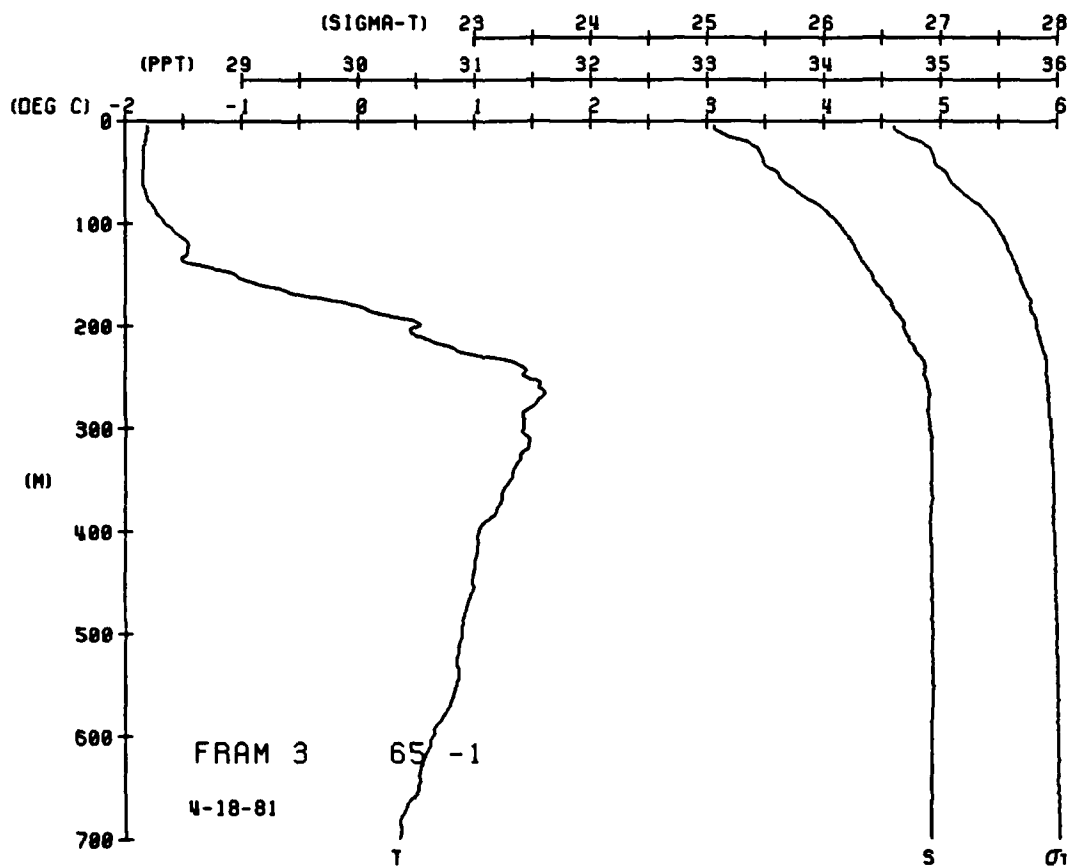
FRAM 3 STATION 64(1) CTU 18/APR/1981 1800 GMT CUDE = 5
 LAT = 52.0700N LNG = 12.2917E LTER = 300 LGER = 300
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	LYNHT	SOUND
0	89	89	34.04	27.40	66.5	0.000	1439.1
5	89	89	34.03	27.40	66.5	0.003	1439.2
10	89	89	34.04	27.39	66.5	0.007	1439.3
15	89	89	34.04	27.40	66.5	0.010	1439.4
20	89	89	34.04	27.41	66.5	0.014	1439.5
25	89	89	34.04	27.40	66.5	0.017	1439.6
30	89	89	34.04	27.40	66.5	0.020	1439.7
35	89	89	34.04	27.41	66.5	0.024	1439.8
40	89	89	34.04	27.44	66.5	0.027	1439.9
45	89	89	34.04	27.50	66.5	0.030	1440.0
50	89	89	34.04	27.55	66.5	0.033	1440.1
55	89	89	34.04	27.57	66.5	0.035	1440.2
60	89	89	34.04	27.57	66.5	0.038	1440.3
65	89	89	34.04	27.57	66.5	0.040	1440.4
70	89	89	34.04	27.57	66.5	0.043	1440.5
75	89	89	34.04	27.57	66.5	0.045	1440.6
80	89	89	34.04	27.57	66.5	0.048	1440.7
85	89	89	34.04	27.57	66.5	0.050	1440.8
90	89	89	34.04	27.57	66.5	0.052	1440.9
95	89	89	34.04	27.57	66.5	0.054	1441.0
100	89	89	34.04	27.57	66.5	0.056	1441.1
105	89	89	34.04	27.57	66.5	0.060	1441.2
110	89	89	34.04	27.57	66.5	0.064	1441.3
115	89	89	34.04	27.57	66.5	0.067	1441.4
120	89	89	34.04	27.57	66.5	0.070	1441.5
125	89	89	34.04	27.57	66.5	0.072	1441.6
130	89	89	34.04	27.57	66.5	0.075	1441.7
135	89	89	34.04	27.57	66.5	0.077	1441.8
140	89	89	34.04	27.57	66.5	0.080	1441.9
145	89	89	34.04	27.57	66.5	0.082	1442.0
150	89	89	34.04	27.57	66.5	0.084	1442.1
155	89	89	34.04	27.57	66.5	0.085	1442.2
160	89	89	34.04	27.57	66.5	0.087	1442.3
165	89	89	34.04	27.57	66.5	0.088	1442.4
170	89	89	34.04	27.57	66.5	0.090	1442.5
175	89	89	34.04	27.57	66.5	0.091	1442.6
180	89	89	34.04	27.57	66.5	0.093	1442.7
185	89	89	34.04	27.57	66.5	0.094	1442.8
190	89	89	34.04	27.57	66.5	0.095	1442.9
195	89	89	34.04	27.57	66.5	0.096	1443.0
200	89	89	34.04	27.57	66.5	0.098	1443.1
205	89	89	34.04	27.57	66.5	0.099	1443.2
210	89	89	34.04	27.57	66.5	0.100	1443.3
215	89	89	34.04	27.57	66.5	0.101	1443.4
220	89	89	34.04	27.57	66.5	0.102	1443.5
225	89	89	34.04	27.57	66.5	0.103	1443.6
230	89	89	34.04	27.57	66.5	0.104	1443.7
235	89	89	34.04	27.57	66.5	0.105	1443.8
240	89	89	34.04	27.57	66.5	0.106	1443.9
245	89	89	34.04	27.57	66.5	0.107	1444.0
250	89	89	34.04	27.57	66.5	0.108	1444.1
255	89	89	34.04	27.57	66.5	0.109	1444.2
260	89	89	34.04	27.57	66.5	0.110	1444.3
265	89	89	34.04	27.57	66.5	0.111	1444.4
270	89	89	34.04	27.57	66.5	0.112	1444.5
275	89	89	34.04	27.57	66.5	0.113	1444.6
280	89	89	34.04	27.57	66.5	0.114	1444.7
285	89	89	34.04	27.57	66.5	0.115	1444.8
290	89	89	34.04	27.57	66.5	0.116	1444.9
295	89	89	34.04	27.57	66.5	0.117	1445.0
300	89	89	34.04	27.57	66.5	0.118	1445.1
305	89	89	34.04	27.57	66.5	0.119	1445.2
310	89	89	34.04	27.57	66.5	0.120	1445.3
315	89	89	34.04	27.57	66.5	0.121	1445.4
320	89	89	34.04	27.57	66.5	0.122	1445.5
325	89	89	34.04	27.57	66.5	0.123	1445.6
330	89	89	34.04	27.57	66.5	0.124	1445.7
335	89	89	34.04	27.57	66.5	0.125	1445.8
340	89	89	34.04	27.57	66.5	0.126	1445.9
345	89	89	34.04	27.57	66.5	0.127	1446.0
350	89	89	34.04	27.57	66.5	0.128	1446.1
355	89	89	34.04	27.57	66.5	0.129	1446.2
360	89	89	34.04	27.57	66.5	0.130	1446.3
365	89	89	34.04	27.57	66.5	0.131	1446.4
370	89	89	34.04	27.57	66.5	0.132	1446.5
375	89	89	34.04	27.57	66.5	0.133	1446.6
380	89	89	34.04	27.57	66.5	0.134	1446.7
385	89	89	34.04	27.57	66.5	0.135	1446.8
390	89	89	34.04	27.57	66.5	0.136	1446.9
395	89	89	34.04	27.57	66.5	0.137	1447.0
400	89	89	34.04	27.57	66.5	0.138	1447.1
405	89	89	34.04	27.57	66.5	0.139	1447.2
410	89	89	34.04	27.57	66.5	0.140	1447.3
415	89	89	34.04	27.57	66.5	0.141	1447.4
420	89	89	34.04	27.57	66.5	0.142	1447.5
425	89	89	34.04	27.57	66.5	0.143	1447.6
430	89	89	34.04	27.57	66.5	0.144	1447.7
435	89	89	34.04	27.57	66.5	0.145	1447.8
440	89	89	34.04	27.57	66.5	0.146	1447.9
445	89	89	34.04	27.57	66.5	0.147	1448.0
450	89	89	34.04	27.57	66.5	0.148	1448.1
455	89	89	34.04	27.57	66.5	0.149	1448.2
460	89	89	34.04	27.57	66.5	0.150	1448.3
465	89	89	34.04	27.57	66.5	0.151	1448.4
470	89	89	34.04	27.57	66.5	0.152	1448.5
475	89	89	34.04	27.57	66.5	0.153	1448.6
480	89	89	34.04	27.57	66.5	0.154	1448.7
485	89	89	34.04	27.57	66.5	0.155	1448.8
490	89	89	34.04	27.57	66.5	0.156	1448.9
495	89	89	34.04	27.57	66.5	0.157	1449.0
500	89	89	34.04	27.57	66.5	0.158	1449.1
505	89	89	34.04	27.57	66.5	0.159	1449.2
510	89	89	34.04	27.57	66.5	0.160	1449.3
515	89	89	34.04	27.57	66.5	0.161	1449.4
520	89	89	34.04	27.57	66.5	0.162	1449.5
525	89	89	34.04	27.57	66.5	0.163	1449.6
530	89	89	34.04	27.57	66.5	0.164	1449.7
535	89	89	34.04	27.57	66.5	0.165	1449.8
540	89	89	34.04	27.57	66.5	0.166	1449.9
545	89	89	34.04	27.57	66.5	0.167	1450.0
550	89	89	34.04	27.57	66.5	0.168	1450.1
555	89	89	34.04	27.57	66.5	0.169	1450.2
560	89	89	34.04	27.57	66.5	0.170	1450.3
565	89	89	34.04	27.57	66.5	0.171	1450.4
570	89	89	34.04	27.57	66.5	0.172	1450.5
575	89	89	34.04	27.57	66.5	0.173	1450.6
580	89	89	34.04	27.57	66.5	0.174	1450.7
585	89	89	34.04	27.57	66.5	0.175	1450.8
590	89	89	34.04	27.57	66.5	0.176	1450.9
595	89	89	34.04	27.57	66.5	0.177	1451.0
600	89	89	34.04	27.57	66.5	0.178	1451.1
605	89	89	34.04	27.57	66.5	0.179	1451.2
610	89	89	34.04	27.57	66.5	0.180	1451.3
615	89	89	34.04	27.57	66.5	0.181	1451.4
620	89	89	34.04	27.57	66.5	0.182	1451.5
625	89	89	34.04	27.57	66.5	0.183	1451.6
630	89	89	34.04	27.57	66.5	0.184	1451.7
635	89	89	34.04	27.57	66.5	0.185	1451.8
640	89	89	34.04	27.57	66.5	0.186	1451.9
645	89	89	34.04	27.57	66.5	0.187	1452.0
650	89	89	34.04	27.57	66.5	0.188	1452.1
655	89	89	34.04	27.57	66.5	0.189	1452.2
660	89	89	34.04	27.57	66.5	0.190	1452.3
665	89	89	34.04	27.57	66.5	0.191	1452.4
670	89	89	34.04	27.57	66.5	0.192	1452.5
675	89	89	34.04	27.57	66.5	0.193	1452.6
680	89	89	34.04	27.57	66.5	0.194	1452.7
685	89	89	34.04	27.57	66.5	0.195	1452.8
690	89	89	34.04	27.57	66.5	0.196	1452.9
695	89	89	34.04	27.57	66.5	0.197	1453.0
700	89	89	34.04	27.57	66.5	0.198	1453.1
705	89	89	34.04	27.57	66.5	0.199	1453.2
710	89	89	34.04	27.57	66.5	0.200	1453.3
715	89	89	34.04	27.57	66.5	0.201	1453.4
720	89	89	34.04	27.57	66.5	0.202	1453.5
725	89	89	34.04	27.57	66.5	0.203	1453.6
730	89	89	34.04	27.57	66.5	0.204	1453.7
735	89	89	34.04	27.57	66.5	0.205	1453.8
740	89	89	34.04	27.57	66.5	0.206	1453.9
745	89	89	34.04	27.57	66.5	0.207	1454.0
750	89	89	34.04	27.57	66.5	0.208	1454.1
755	89	89	34.04	27.57	66.5	0.209	1454.2
760	89	89	34.04	27.57	66.5	0.210	1454.3
765	89	89	34.04	27.57	66.5	0.211	1454.4
770	89	89	34.04	27.57	66.5	0.212	1454.5
775	89	89	34.04	27.57	66.5	0.213	1454.6
780	89	89	34.04	27.57	66.5	0.214	1454.7
785	89	89	34.04	27.57	66.5	0.215	



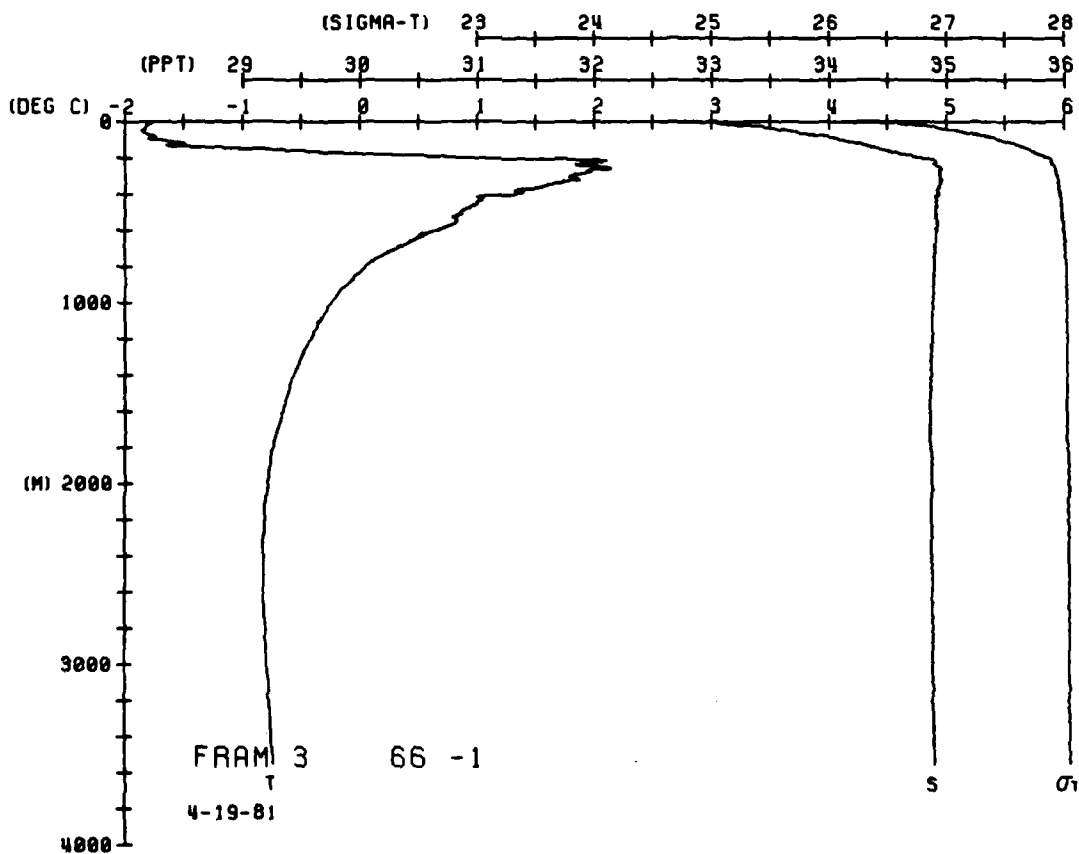
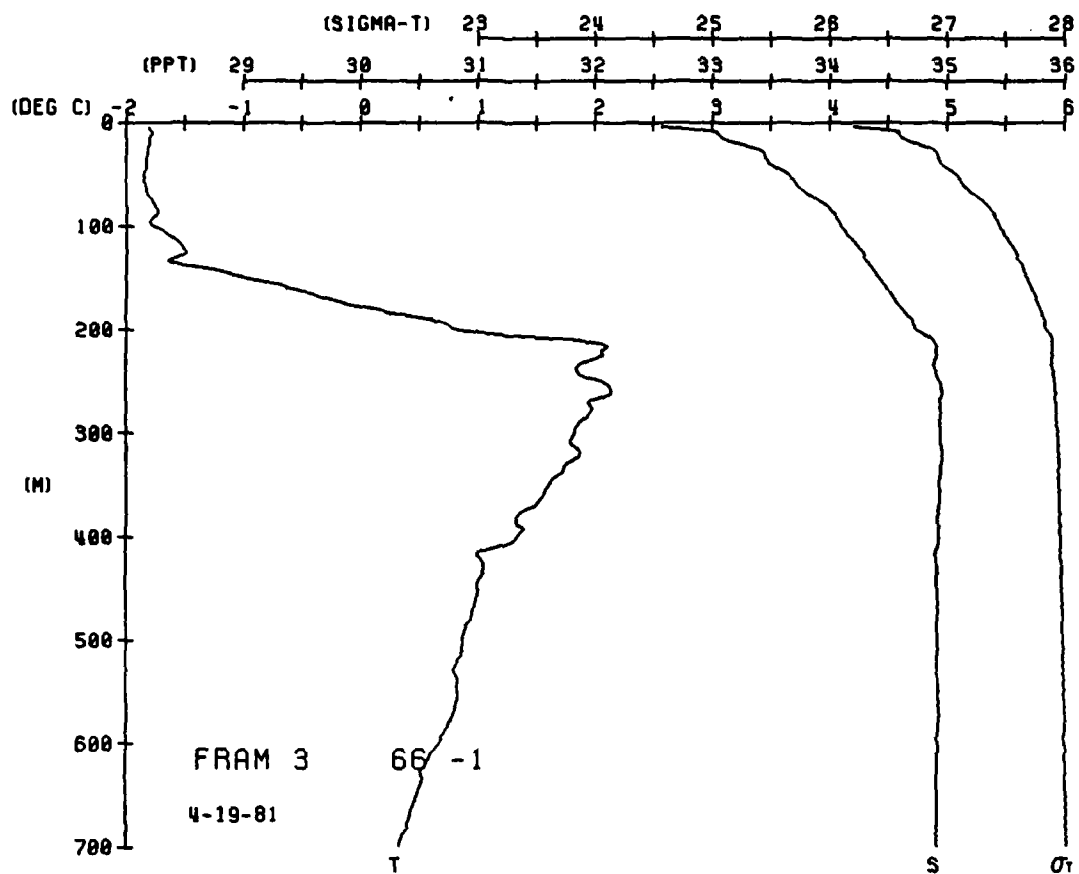
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FRAM 3 STATION 65(1) CTD 18/APR/1981 2019 GMT CODE = 5
LAT = 82.8377N LNG = 6.7463E LTER = 30; UGER = 30;
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0
```

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	800	0	33.06	61	0	000	1438.2
5	800	-1	33.00	61	0	000	1438.3
10	800	-1	33.01	61	0	000	1438.4
15	800	-1	33.03	61	0	000	1438.5
20	800	-1	33.04	61	0	000	1438.7
25	800	-1	33.05	61	0	000	1438.8
30	800	-1	33.06	61	0	000	1438.9
35	800	-1	33.07	61	0	000	1439.1
40	800	-1	33.08	61	0	000	1439.2
45	800	-1	33.09	61	0	000	1439.3
50	800	-1	33.10	61	0	000	1439.4
55	800	-1	33.11	61	0	000	1439.5
60	800	-1	33.12	61	0	000	1439.6
65	800	-1	33.13	61	0	000	1439.7
70	800	-1	33.14	61	0	000	1439.8
75	800	-1	33.15	61	0	000	1440.0
80	800	-1	33.16	61	0	000	1440.5
85	800	-1	33.17	61	0	000	1440.9
90	800	-1	33.18	61	0	000	1441.2
95	800	-1	33.19	61	0	000	1441.5
100	800	-1	33.20	61	0	000	1441.8
105	800	-1	33.21	61	0	000	1442.1
110	800	-1	33.22	61	0	000	1442.3
115	800	-1	33.23	61	0	000	1442.5
120	800	-1	33.24	61	0	000	1442.7
125	800	-1	33.25	61	0	000	1443.1
130	800	-1	33.26	61	0	000	1443.3
135	800	-1	33.27	61	0	000	1443.5
140	800	-1	33.28	61	0	000	1443.7
145	800	-1	33.29	61	0	000	1444.0
150	800	-1	33.30	61	0	000	1444.5
155	800	-1	33.31	61	0	000	1444.9
160	800	-1	33.32	61	0	000	1445.3
165	800	-1	33.33	61	0	000	1445.5
170	800	-1	33.34	61	0	000	1445.6
175	800	-1	33.35	61	0	000	1445.8
180	800	-1	33.36	61	0	000	1445.9
185	800	-1	33.37	61	0	000	1446.0
190	800	-1	33.38	61	0	000	1446.1
195	800	-1	33.39	61	0	000	1446.2
200	800	-1	33.40	61	0	000	1446.3
205	800	-1	33.41	61	0	000	1446.4
210	800	-1	33.42	61	0	000	1446.5
215	800	-1	33.43	61	0	000	1446.6
220	800	-1	33.44	61	0	000	1446.7
225	800	-1	33.45	61	0	000	1446.8
230	800	-1	33.46	61	0	000	1446.9
235	800	-1	33.47	61	0	000	1447.0
240	800	-1	33.48	61	0	000	1447.1
245	800	-1	33.49	61	0	000	1447.2
250	800	-1	33.50	61	0	000	1447.3
255	800	-1	33.51	61	0	000	1447.4
260	800	-1	33.52	61	0	000	1447.5
265	800	-1	33.53	61	0	000	1447.6
270	800	-1	33.54	61	0	000	1447.7
275	800	-1	33.55	61	0	000	1447.8
280	800	-1	33.56	61	0	000	1447.9
285	800	-1	33.57	61	0	000	1448.0
290	800	-1	33.58	61			



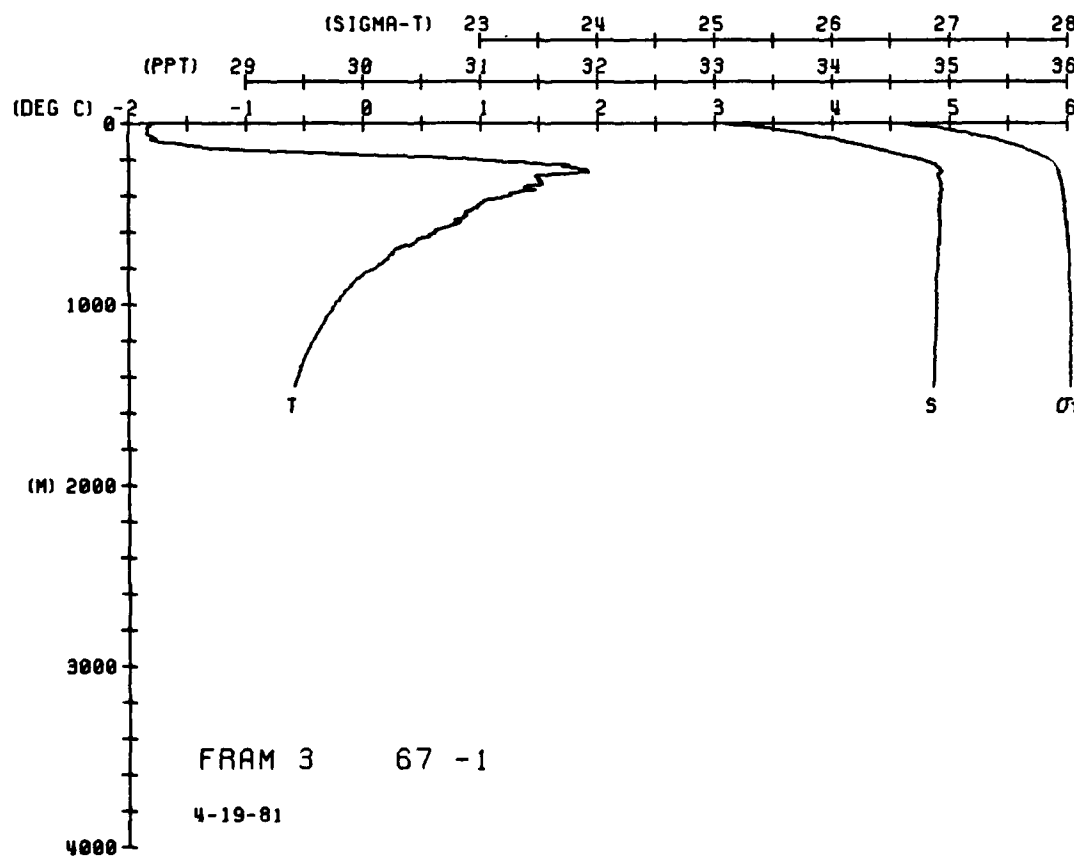
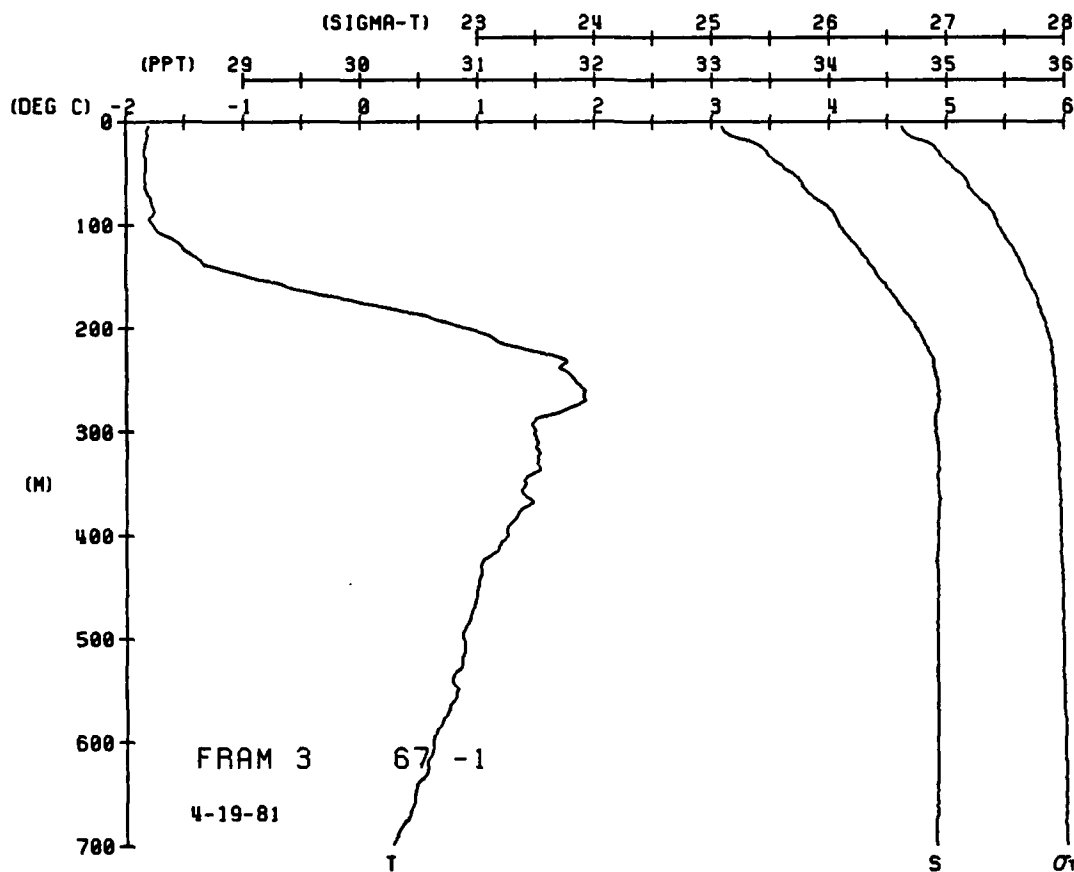
FRAM 3 STATION 66(1) CTD 19/APR/1981 1428 GMT CODE = 5
 LAT = 82.8063N LONG = 6.7115E UTKR = 30.0
 AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

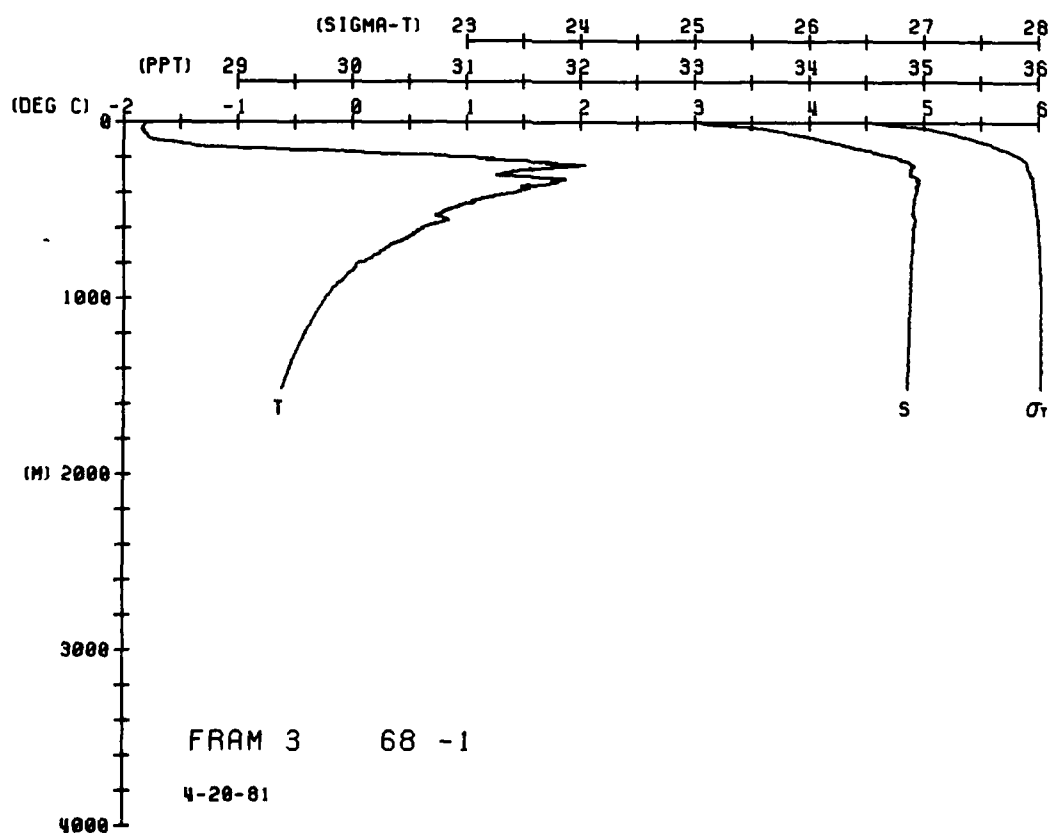
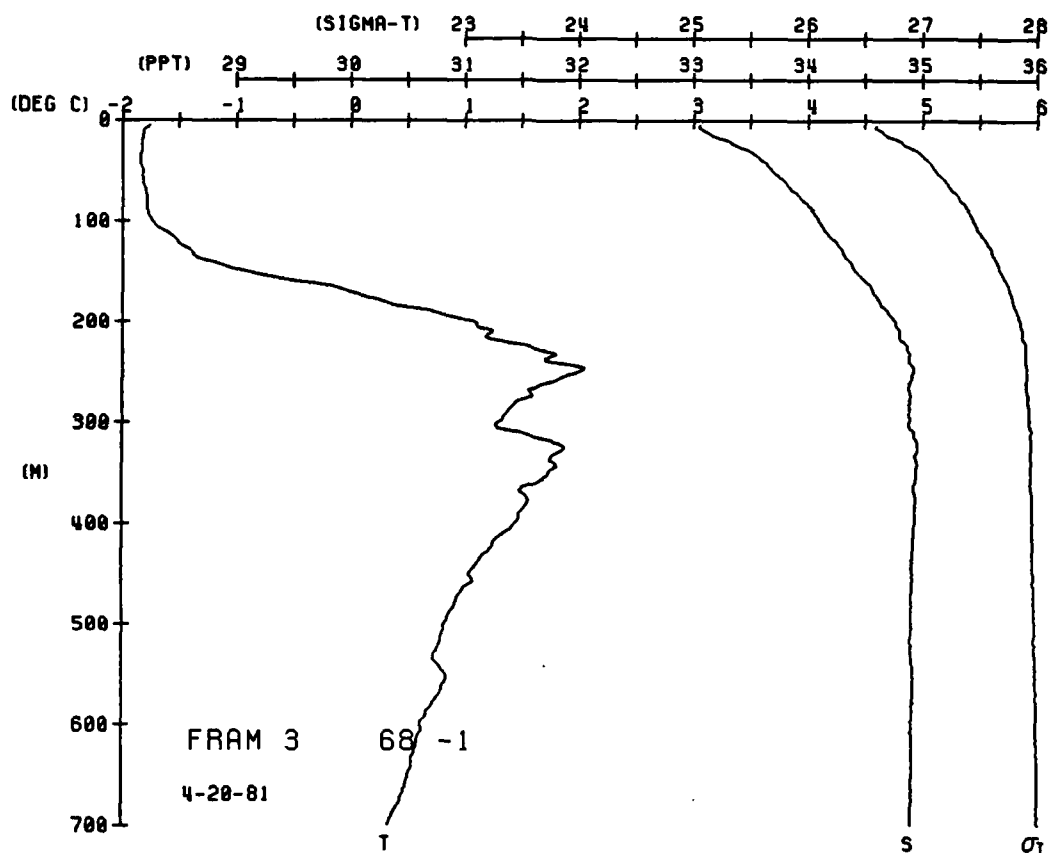
DEPTH	TEMP	PTEMP	SALT	SIG T	SPVOL	DYRHT	SOUND	DEPTH	TEMP	PICAP	SALT	SIG T	SPVOL	DYRHT	SOUND
0	1.81	-1.81	34.91	28.02	8.5	0.000	1437.2	710.0	0.28	0.25	34.91	28.02	8.5	0.000	1437.2
0	1.80	-1.80	34.91	28.02	8.5	0.000	1437.3	740.0	0.19	0.25	34.91	28.02	8.5	0.000	1437.3
0	1.79	-1.79	34.90	28.03	8.3	0.010	1437.5	740.0	0.08	0.25	34.90	28.03	8.3	0.010	1437.5
10	1.77	-1.78	33.50	28.03	7.1	0.018	1438.5	890.0	-0.01	0.05	34.90	28.03	7.1	0.018	1438.5
20	1.80	-1.81	33.10	28.03	6.4	0.025	1438.7	890.0	-0.09	-0.13	34.89	28.03	6.4	0.025	1438.7
30	1.82	-1.82	33.22	28.03	6.2	0.032	1439.0	990.0	-0.17	-0.21	34.89	28.03	6.2	0.032	1439.0
40	1.83	-1.83	33.44	28.03	6.2	0.044	1439.1	1040.0	-0.22	-0.27	34.89	28.03	6.2	0.044	1439.1
50	1.83	-1.83	33.47	28.03	5.7	0.055	1439.2	1090.0	-0.24	-0.32	34.89	28.03	5.7	0.055	1439.2
60	1.83	-1.83	33.49	28.03	5.7	0.065	1439.3	1140.0	-0.37	-0.42	34.88	28.03	5.7	0.065	1439.3
70	1.83	-1.83	33.58	28.03	5.6	0.065	1439.4	1190.0	-0.41	-0.46	34.88	28.03	5.6	0.065	1439.4
80	1.84	-1.84	33.70	28.03	5.1	0.075	1439.6	1240.0	-0.45	-0.50	34.88	28.03	5.1	0.075	1439.6
90	1.84	-1.84	33.73	28.03	4.6	0.079	1440.1	1290.0	-0.49	-0.54	34.88	28.03	4.6	0.079	1440.1
100	1.83	-1.83	33.78	28.03	4.5	0.079	1440.4	1340.0	-0.52	-0.58	34.88	28.03	4.5	0.079	1440.4
110	1.81	-1.81	33.84	28.03	4.1	0.084	1440.7	1390.0	-0.56	-0.62	34.88	28.03	4.1	0.084	1440.7
120	1.75	-1.75	33.94	28.03	4.0	0.094	1441.0	1440.0	-0.60	-0.67	34.87	28.03	4.0	0.094	1441.0
130	1.74	-1.74	34.02	28.03	4.0	0.098	1441.3	1490.0	-0.63	-0.70	34.87	28.03	4.0	0.098	1441.3
140	1.75	-1.75	34.08	28.03	3.9	0.098	1441.5	1540.0	-0.65	-0.72	34.87	28.03	3.9	0.098	1441.5
150	1.77	-1.77	34.11	28.03	3.3	0.105	1441.5	1590.0	-0.69	-0.77	34.87	28.03	3.3	0.105	1441.5
160	1.76	-1.76	34.17	28.03	2.5	0.116	1442.5	1640.0	-0.73	-0.80	34.87	28.03	2.5	0.116	1442.5
170	1.62	-1.62	34.24	28.03	1.4	0.121	1443.2	1690.0	-0.75	-0.84	34.89	28.03	1.4	0.121	1443.2
180	1.55	-1.55	34.30	28.03	0.5	0.125	1444.5	1740.0	-0.77	-0.85	34.89	28.03	0.5	0.125	1444.5
190	1.59	-1.59	34.42	28.03	0.6	0.130	1446.5	1790.0	-0.79	-0.88	34.89	28.03	0.6	0.130	1446.5
200	1.58	-1.58	34.50	28.03	0.6	0.137	1448.5	1840.0	-0.80	-0.90	34.89	28.03	0.6	0.137	1448.5
210	1.58	-1.58	34.61	28.03	0.7	0.143	1452.3	1890.0	-0.81	-0.91	34.89	28.03	0.7	0.143	1452.3
220	1.59	-1.59	34.71	28.03	0.7	0.147	1456.0	1940.0	-0.81	-0.92	34.89	28.03	0.7	0.147	1456.0
230	1.59	-1.59	34.84	28.03	0.8	0.150	1462.1	1990.0	-0.81	-0.93	34.89	28.03	0.8	0.150	1462.1
240	1.58	-1.58	34.91	28.03	0.9	0.152	1461.8	2040.0	-0.81	-0.94	34.89	28.03	0.9	0.152	1461.8
250	1.58	-1.58	34.91	28.03	0.9	0.156	1461.6	2090.0	-0.81	-0.95	34.89	28.03	0.9	0.156	1461.6
260	1.57	-1.57	34.95	28.03	0.9	0.159	1462.3	2140.0	-0.81	-0.95	34.89	28.03	0.9	0.159	1462.3
270	1.57	-1.57	34.95	28.03	0.9	0.161	1462.4	2190.0	-0.81	-0.96	34.89	28.03	0.9	0.161	1462.4
280	1.57	-1.57	34.95	28.03	0.9	0.165	1462.4	2240.0	-0.81	-0.96	34.89	28.03	0.9	0.165	1462.4
290	1.57	-1.57	34.95	28.03	0.9	0.168	1462.4	2290.0	-0.81	-0.96	34.89	28.03	0.9	0.168	1462.4
300	1.57	-1.57	34.95	28.03	0.9	0.170	1462.6	2340.0	-0.80	-0.96	34.89	28.03	0.9	0.170	1462.6
310	1.57	-1.57	34.95	28.03	0.9	0.171	1462.6	2390.0	-0.80	-0.96	34.89	28.03	0.9	0.171	1462.6
320	1.57	-1.57	34.95	28.03	0.9	0.173	1462.6	2440.0	-0.79	-0.96	34.89	28.03	0.9	0.173	1462.6
330	1.57	-1.57	34.94	28.03	0.9	0.176	1462.6	2490.0	-0.77	-0.95	34.89	28.03	0.9	0.176	1462.6
340	1.57	-1.57	34.94	28.03	0.9	0.177	1461.9	2540.0	-0.77	-0.95	34.89	28.03	0.9	0.177	1461.9
350	1.57	-1.57	34.94	28.03	0.9	0.179	1461.9	2590.0	-0.77	-0.95	34.89	28.03	0.9	0.179	1461.9
360	1.57	-1.57	34.94	28.03	0.9	0.182	1461.9	2640.0	-0.76	-0.95	34.89	28.03	0.9	0.182	1461.9
370	1.57	-1.57	34.94	28.03	0.9	0.183	1461.9	2690.0	-0.75	-0.95	34.89	28.03	0.9	0.183	1461.9
380	1.57	-1.57	34.94	28.03	0.9	0.184	1461.9	2740.0	-0.75	-0.95	34.89	28.03	0.9	0.184	1461.9
390	1.57	-1.57	34.94	28.03	0.9	0.187	1461.9	2790.0	-0.74	-0.95	34.89	28.03	0.9	0.187	1461.9
400	1.57	-1.57	34.94	28.03	0.9	0.188	1461.9	2840.0	-0.74	-0.95	34.89	28.03	0.9	0.188	1461.9
410	1.57	-1.57	34.94	28.03	0.9	0.190	1461.9	2890.0	-0.73	-0.95	34.89	28.03	0.9	0.190	1461.9
420	1.57	-1.57	34.94	28.03	0.9	0.192	1461.9	2940.0	-0.73	-0.95	34.89	28.03	0.9	0.192	1461.9
430	1.57	-1.57	34.94	28.03	0.9	0.193	1461.9	2990.0	-0.73	-0.95	34.89	28.03	0.9	0.193	1461.9
440	1.57	-1.57	34.94	28.03	0.9	0.194	1461.9	3040.0	-0.73	-0.95	34.89	28.03	0.9	0.194	1461.9
450	1.57	-1.57	34.94	28.03	0.9	0.197	1461.9	3090.0	-0.73	-0.95	34.89	28.03	0.9	0.197	1461.9
460	1.57	-1.57	34.94	28.03	0.9	0.198	1461.9	3140.0	-0.73	-0.95	34.89	28.03	0.9	0.198	1461.9
470	1.57	-1.57	34.94	28.03	0.9	0.199	1461.9	3190.0	-0.73	-0.95	34.89	28.03	0.9	0.199	1461.9
480	1.57	-1.57	34.94	28.03	0.9	0.201	1461.9	3240.0	-0.73	-0.95	34.89	28.03	0.9	0.201	1461.9
490	1.57	-1.57	34.94	28.03	0.9	0.204	1461.9	3290.0	-0.73	-0.95	34.89	28.03	0.9	0.204	1461.9
500	1.57	-1.57	34.94	28.03	0.9	0.207	1461.9	3340.0	-0.73	-0.95	34.89	28.03	0.9	0.207	1461.9
510	1.57	-1.57	34.94	28.03	0.9	0.210	1461.9	3390.0	-0.73	-0.95	34.89	28.03	0.9	0.210	1461.9
520	1.57	-1.57	34.94	28.03	0.9	0.213	1461.9	3440.0	-0.73	-0.95	34.89	28.03	0.9	0.213	1461.9
530	1.57	-1.57	34.94	28.03	0.9	0.215	1461.9	3490.0	-0.73	-0.95	34.89	28.03	0.9	0.215	1461.9
540	1.57	-1.57	34.94	28.03	0.9	0.217	1461.9	3540.0	-0.73	-0.95	34.89	28.03	0.9	0.217	1461.9
550	1.57	-1.57	34.94	28.03	0.9	0.219	1461.9	3590.0	-0.73	-0.95	34.89	28.03	0.9	0.219	1461.9
560	1.57	-1.57	34.94	28.03	0.9	0.221	1461.9	3640.0	-0.73	-0.95	34.89	28.03	0.9	0.221	1461.9
570	1.57	-1.57	34.94	28.03	0.9	0.223	1461.9	3690.0	-0.73	-0.95	34.89	28.03	0.9	0.223	1461.9
580	1.57	-1.57	34.94	28.03	0.9	0.225	1461.9	3740.0	-0.73	-0.95	34.89	28.03	0.9	0.225	1461.9
590	1.57	-1.57	34.94	28.03	0.9	0.227	1461.9	3790.0	-0.73	-0.95	34.89	28.03	0.9	0.227	1461.9
600	1.57	-1.57	34.94	28.03	0.9	0.229	1461.9	3840.0	-0.73	-0.95	34.89	28.03	0.9	0.229	1461.9
610	1.57	-1.57	34.94	28.03	0.9	0.231	1461.9	3890.0	-0.73	-0.95	34.89	28.03	0.9	0.231	1461.9
620	1.57	-1.57	34.94	28.03	0.9	0.233	1461.9	3940.0	-0.73	-0.95	34.89	28.03	0.9	0.233	1461.9
630	1.57	-1.57	34.94	28.03	0.9	0.235	1461.9	3990.0	-0.73	-0.95	34.89	28.03	0.9	0.235	1461.9
640	1.57	-1.57	34.94	28.03	0.9	0.237	1461.9	4040.0	-0.73	-0.95	34.89	28.03	0.9	0.237	1461.9
650	1.57	-1.57	34.94	28.03	0.9	0.239	1461.9	4090.0	-0.73	-0.95	34.89	28.03	0.9	0.239	1461.9
660	1.57	-1.57	34.94	28.03	0.9	0.241	1461.9	4140.0	-0.73	-0.95	34.89	28.03	0.9	0.241	1461.9
670	1.57	-1.57	34.94	28.03	0.9	0.243	1461.9	4190.0	-0.73	-0.95	34.89	28.03	0.9	0.243	1461.9
680	1.57	-1.57	34.94	28.03	0.9	0.245	1461.9	4240.0	-0.73	-0.95	34.89	28.03	0.9	0.245	1461.9
690	1.57	-1.57	34.94	28.03	0.9	0.247	1461.9	4290.0	-0.73	-0.95	34.89	28.03	0.9	0.247	1461.9
700	1.57	-1.57	34.94	28.03	0.9	0.249	1461.9	4340.0	-0.73	-0.95	34.89	28.03	0.9	0.249	1461.9
710	1.57	-1.57	34.94	28.03	0.9	0.251	1461.9	4390.0	-0.73	-0.95	34.89	28.03	0.9	0.251	1461.9
720	1.57	-1.57	34.94	28.03	0.9	0.253	1461.9	4440.0	-0.73	-0.95	34.89	28.03	0.9	0.253	1461.9
730	1.57	-1.57	34.94	28.03	0.9	0.255	1461.9	4490.0	-0.73	-0.95	34.89	28.03	0.9	0.255	1461.9
740	1.57	-1.57	34.94	28.03	0.9	0.257	1461.9	4540.0	-0.73	-0.95	34.89	28.0			



PHAM 3 STATION 67(1) CTU 19/APR/1981 1939 GMT CUOP = 5
 LAT = 82.8012N LNG = 6.7262E LTER = 30. UGEN = 30.
 AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	1.79	1.79	33.08	26.62	140.0	0.000	1438.2
5	1.80	1.80	33.09	26.65	140.1	0.007	1438.3
10	1.81	1.81	33.10	26.68	140.2	0.014	1438.4
15	1.82	1.82	33.11	26.71	140.3	0.021	1438.5
20	1.83	1.83	33.12	26.74	140.4	0.028	1438.6
25	1.84	1.84	33.13	26.77	140.5	0.035	1438.7
30	1.85	1.85	33.14	26.80	140.6	0.042	1438.8
35	1.86	1.86	33.15	26.83	140.7	0.049	1438.9
40	1.87	1.87	33.16	26.86	140.8	0.056	1439.0
45	1.88	1.88	33.17	26.89	140.9	0.063	1439.1
50	1.89	1.89	33.18	26.92	141.0	0.070	1439.2
55	1.90	1.90	33.19	26.95	141.1	0.077	1439.3
60	1.91	1.91	33.20	26.98	141.2	0.084	1439.4
65	1.92	1.92	33.21	27.01	141.3	0.091	1439.5
70	1.93	1.93	33.22	27.04	141.4	0.098	1439.6
75	1.94	1.94	33.23	27.07	141.5	0.105	1439.7
80	1.95	1.95	33.24	27.10	141.6	0.112	1439.8
85	1.96	1.96	33.25	27.13	141.7	0.119	1439.9
90	1.97	1.97	33.26	27.16	141.8	0.126	1440.0
95	1.98	1.98	33.27	27.19	141.9	0.133	1440.1
100	1.99	1.99	33.28	27.22	142.0	0.140	1440.2
105	2.00	2.00	33.29	27.25	142.1	0.147	1440.3
110	2.01	2.01	33.30	27.28	142.2	0.154	1440.4
115	2.02	2.02	33.31	27.31	142.3	0.161	1440.5
120	2.03	2.03	33.32	27.34	142.4	0.168	1440.6
125	2.04	2.04	33.33	27.37	142.5	0.175	1440.7
130	2.05	2.05	33.34	27.40	142.6	0.182	1440.8
135	2.06	2.06	33.35	27.43	142.7	0.189	1440.9
140	2.07	2.07	33.36	27.46	142.8	0.196	1441.0
145	2.08	2.08	33.37	27.49	142.9	0.203	1441.1
150	2.09	2.09	33.38	27.52	143.0	0.210	1441.2
155	2.10	2.10	33.39	27.55	143.1	0.217	1441.3
160	2.11	2.11	33.40	27.58	143.2	0.224	1441.4
165	2.12	2.12	33.41	27.61	143.3	0.231	1441.5
170	2.13	2.13	33.42	27.64	143.4	0.238	1441.6
175	2.14	2.14	33.43	27.67	143.5	0.245	1441.7
180	2.15	2.15	33.44	27.70	143.6	0.252	1441.8
185	2.16	2.16	33.45	27.73	143.7	0.259	1441.9
190	2.17	2.17	33.46	27.76	143.8	0.266	1442.0
195	2.18	2.18	33.47	27.79	143.9	0.273	1442.1
200	2.19	2.19	33.48	27.82	144.0	0.280	1442.2
205	2.20	2.20	33.49	27.85	144.1	0.287	1442.3
210	2.21	2.21	33.50	27.88	144.2	0.294	1442.4
215	2.22	2.22	33.51	27.91	144.3	0.301	1442.5
220	2.23	2.23	33.52	27.94	144.4	0.308	1442.6
225	2.24	2.24	33.53	27.97	144.5	0.315	1442.7
230	2.25	2.25	33.54	28.00	144.6	0.322	1442.8
235	2.26	2.26	33.55	28.03	144.7	0.329	1442.9
240	2.27	2.27	33.56	28.06	144.8	0.336	1443.0
245	2.28	2.28	33.57	28.09	144.9	0.343	1443.1
250	2.29	2.29	33.58	28.12	145.0	0.350	1443.2
255	2.30	2.30	33.59	28.15	145.1	0.357	1443.3
260	2.31	2.31	33.60	28.18	145.2	0.364	1443.4
265	2.32	2.32	33.61	28.21	145.3	0.371	1443.5
270	2.33	2.33	33.62	28.24	145.4	0.378	1443.6
275	2.34	2.34	33.63	28.27	145.5	0.385	1443.7
280	2.35	2.35	33.64	28.30	145.6	0.392	1443.8
285	2.36	2.36	33.65	28.33	145.7	0.399	1443.9
290	2.37	2.37	33.66	28.36	145.8	0.406	1444.0
295	2.38	2.38	33.67	28.39	145.9	0.413	1444.1
300	2.39	2.39	33.68	28.42	146.0	0.420	1444.2
305	2.40	2.40	33.69	28.45	146.1	0.427	1444.3
310	2.41	2.41	33.70	28.48	146.2	0.434	1444.4
315	2.42	2.42	33.71	28.51	146.3	0.441	1444.5
320	2.43	2.43	33.72	28.54	146.4	0.448	1444.6
325	2.44	2.44	33.73	28.57	146.5	0.455	1444.7
330	2.45	2.45	33.74	28.60	146.6	0.462	1444.8
335	2.46	2.46	33.75	28.63	146.7	0.469	1444.9
340	2.47	2.47	33.76	28.66	146.8	0.476	1445.0
345	2.48	2.48	33.77	28.69	146.9	0.483	1445.1
350	2.49	2.49	33.78	28.72	147.0	0.490	1445.2
355	2.50	2.50	33.79	28.75	147.1	0.497	1445.3
360	2.51	2.51	33.80	28.78	147.2	0.504	1445.4
365	2.52	2.52	33.81	28.81	147.3	0.511	1445.5
370	2.53	2.53	33.82	28.84	147.4	0.518	1445.6
375	2.54	2.54	33.83	28.87	147.5	0.525	1445.7
380	2.55	2.55	33.84	28.90	147.6	0.532	1445.8
385	2.56	2.56	33.85	28.93	147.7	0.539	1445.9
390	2.57	2.57	33.86	28.96	147.8	0.546	1446.0
395	2.58	2.58	33.87	28.99	147.9	0.553	1446.1
400	2.59	2.59	33.88	29.02	148.0	0.560	1446.2
405	2.60	2.60	33.89	29.05	148.1	0.567	1446.3
410	2.61	2.61	33.90	29.08	148.2	0.574	1446.4
415	2.62	2.62	33.91	29.11	148.3	0.581	1446.5
420	2.63	2.63	33.92	29.14	148.4	0.588	1446.6
425	2.64	2.64	33.93	29.17	148.5	0.595	1446.7
430	2.65	2.65	33.94	29.20	148.6	0.602	1446.8
435	2.66	2.66	33.95	29.23	148.7	0.609	1446.9
440	2.67	2.67	33.96	29.26	148.8	0.616	1447.0
445	2.68	2.68	33.97	29.29	148.9	0.623	1447.1
450	2.69	2.69	33.98	29.32	149.0	0.630	1447.2
455	2.70	2.70	33.99	29.35	149.1	0.637	1447.3
460	2.71	2.71	34.00	29.38	149.2	0.644	1447.4
465	2.72	2.72	34.01	29.41	149.3	0.651	1447.5
470	2.73	2.73	34.02	29.44	149.4	0.658	1447.6
475	2.74	2.74	34.03	29.47	149.5	0.665	1447.7
480	2.75	2.75	34.04	29.50	149.6	0.672	1447.8
485	2.76	2.76	34.05	29.53	149.7	0.679	1447.9
490	2.77	2.77	34.06	29.56	149.8	0.686	1448.0
495	2.78	2.78	34.07	29.59	149.9	0.693	1448.1
500	2.79	2.79	34.08	29.62	150.0	0.700	1448.2
505	2.80	2.80	34.09	29.65	150.1	0.707	1448.3
510	2.81	2.81	34.10	29.68	150.2	0.714	1448.4
515	2.82	2.82	34.11	29.71	150.3	0.721	1448.5
520	2.83	2.83	34.12	29.74	150.4	0.728	1448.6
525	2.84	2.84	34.13	29.77	150.5	0.735	1448.7
530	2.85	2.85	34.14	29.80	150.6	0.742	1448.8
535	2.86	2.86	34.15	29.83	150.7	0.749	1448.9
540	2.87	2.87	34.16	29.86	150.8	0.756	1449.0
545	2.88	2.88	34.17	29.89	150.9	0.763	1449.1
550	2.89	2.89	34.18	29.92	151.0	0.770	1449.2
555	2.90	2.90	34.19	29.95	151.1	0.777	1449.3
560	2.91	2.91	34.20	29.98	151.2	0.784	1449.4
565	2.92	2.92	34.21	30.01	151.3	0.791	1449.5
570	2.93	2.93	34.22	30.04	151.4	0.798	1449.6
575	2.94	2.94	34.23	30.07	151.5	0.805	1449.7
580	2.95	2.95	34.24	30.10	151.6	0.812	1449.8
585	2.96	2.96	34.25	30.13	151.7	0.819	1449.9
590	2.97	2.97	34.26	30.16	151.8	0.826	1450.0
595	2.98	2.98	34.27	30.19	151.9	0.833	1450.1
600	2.99	2.99	34.28	30.22	152.0	0.840	1450.2
605	3.00	3.00	34.29	30.25	152.1	0.847	1450.3
610	3.01	3.01	34.30	30.28	152.2	0.854	1450.4
615	3.02	3.02	34.31	30.31	152.3	0.861	1450.5
620	3.03	3.03	34.32	30.34	152.4	0.868	1450.6
625	3.04	3.04	34.33	30.37	152.5	0.875	1450.7
630	3.05	3.05	34.34	30.40	152.6	0.882	1450.8
635	3.06	3.06	34.35	30.43	152.7	0.889	1450.9
640	3.07	3.07	34.36	30.46	152.8	0.896	1451.0
645	3.08	3.08	34.37	30.49	152.9	0.903	1451.1
650	3.09	3.09	34.38	30.52	153.0	0.910	1451.2
655	3.10	3.10	34.39	30.55	153.1	0.917	1451.3
660	3.11	3.11	34.40	30.58	153.2	0.924	1451.4
665	3.12	3.12	34.41	30.61	153.3	0.931	1451.5
670	3.13	3.13	34.42	30.64	153.4	0.938	1451.6
675	3.14	3.14	34.43	30.67	153.5	0.945	1451.7
680	3.15	3.15	34.44	30.70	153.6	0.952	1451.8
685	3.16	3.16	34.45	30.73	153.7	0.959	1451.9
690	3.17	3.17	34.46	30.76	153.8	0.966	1452.0
695	3.18	3.18	34.47	30.79	153.9	0.973	1452.1
700	3.19	3.19	34.48	30.82	154.0	0.980	1452.2
705	3.20	3.20	34.49	30.85	154.1	0.987	1452.3
710	3.21	3.21	34.50	30.88	154.2	0.994	1452.4
715	3.22	3.22	34.51	30.91	154.3	0.999	1452.5
720	3.23	3.23	34.52	30.94	154.4	1.000	1452.6
725	3.24	3.24	34.53	30.97	154.5	1.000	1452.7
730	3.25	3.25	34.54	31.00	154.6	1.000	1452.8
735	3.26	3.26	34.55	31.03	154.7	1.000	1452.9
740	3.27	3.27	34.56	31.06			



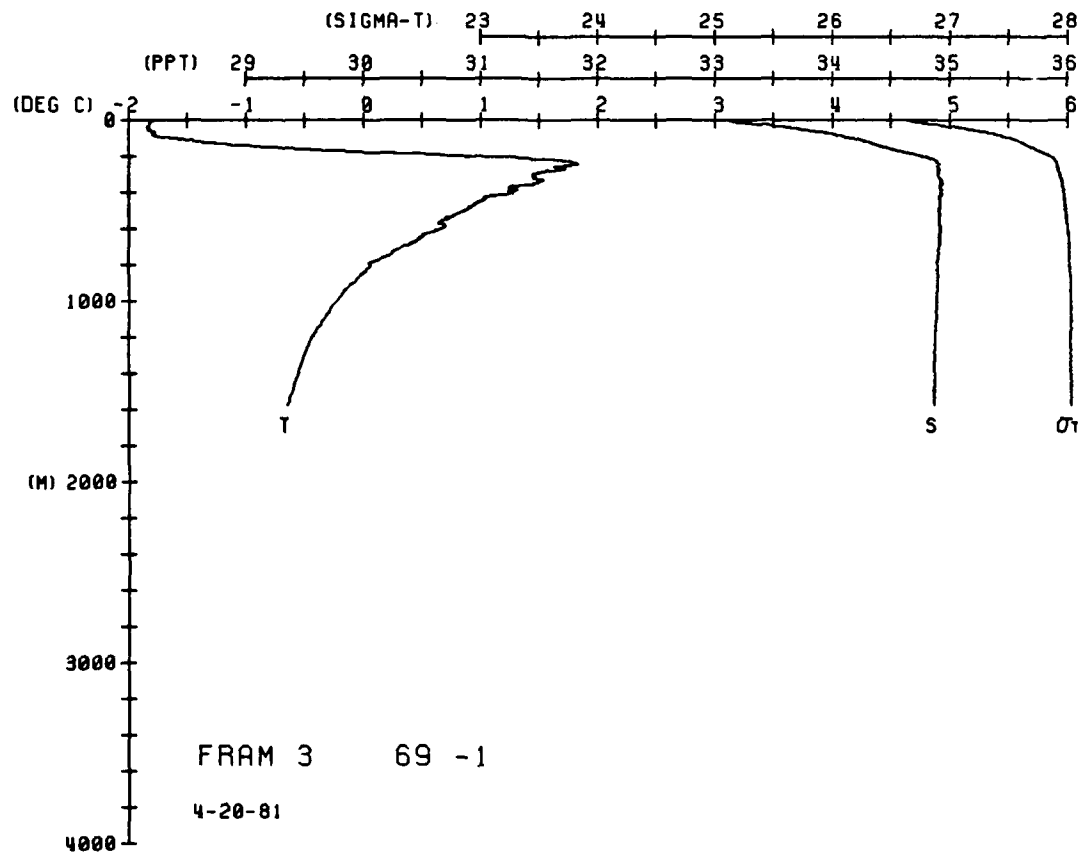
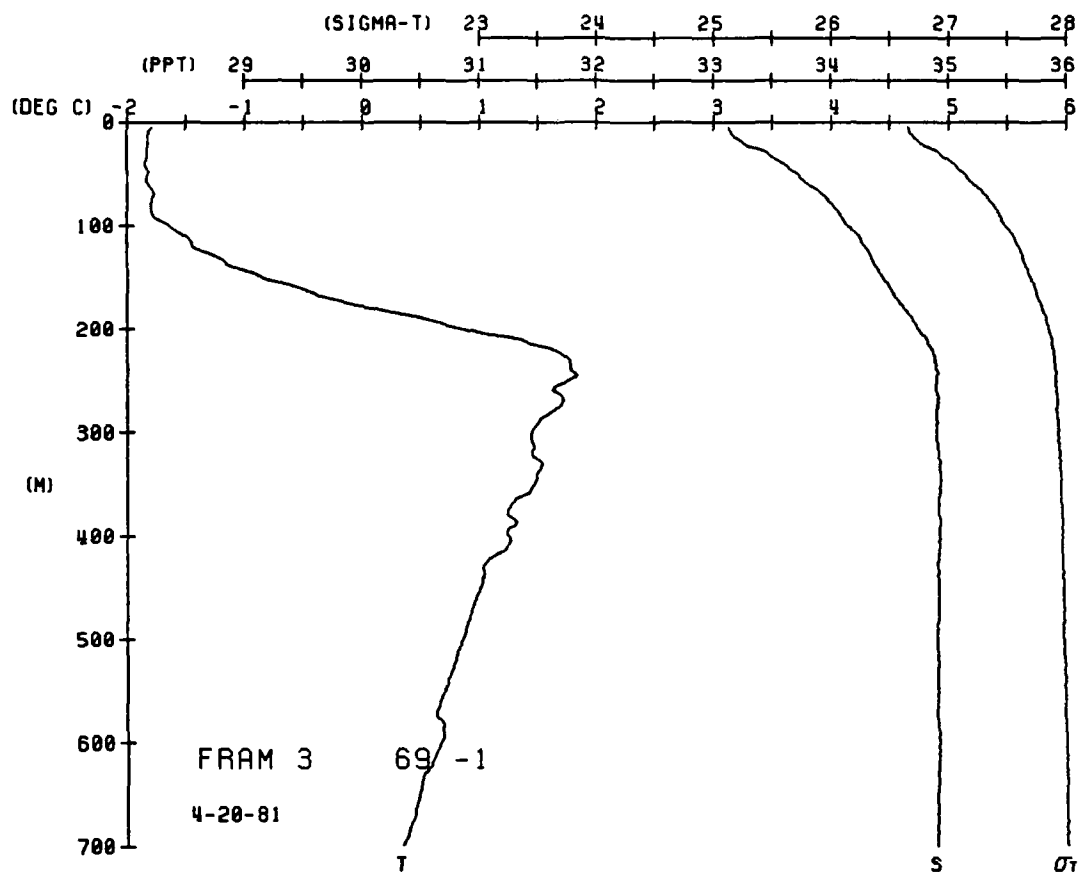


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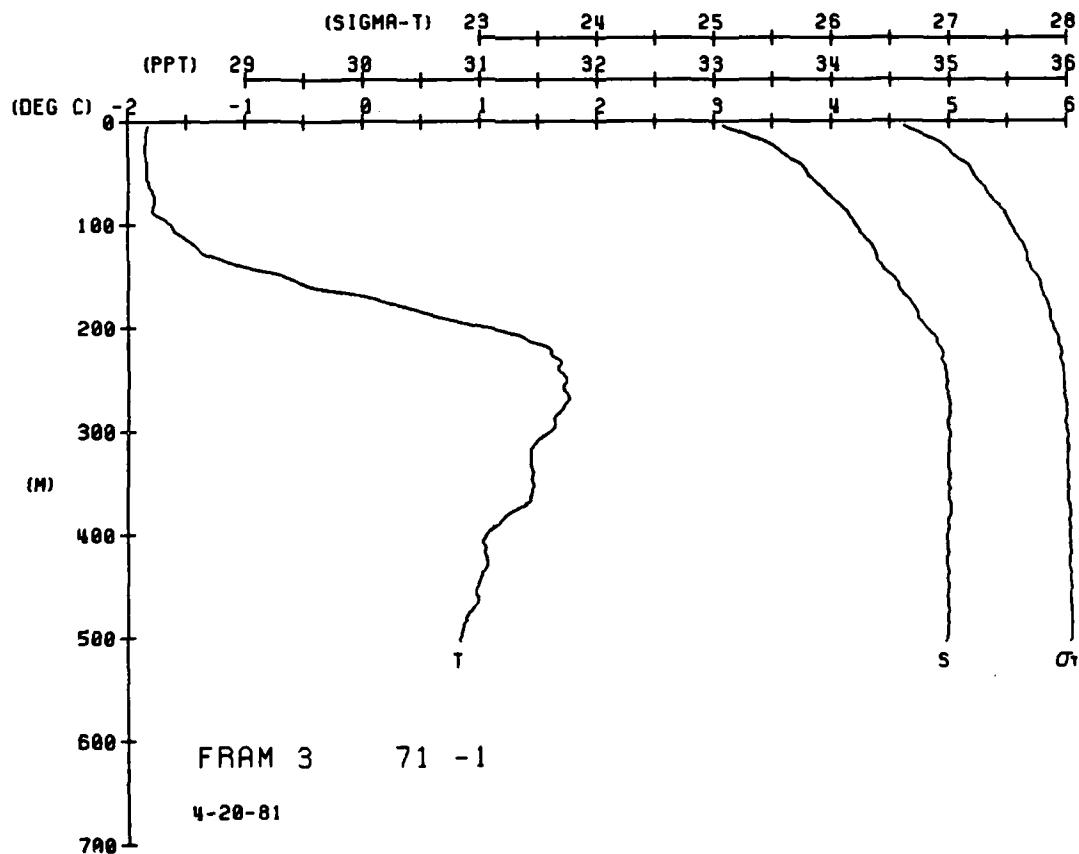
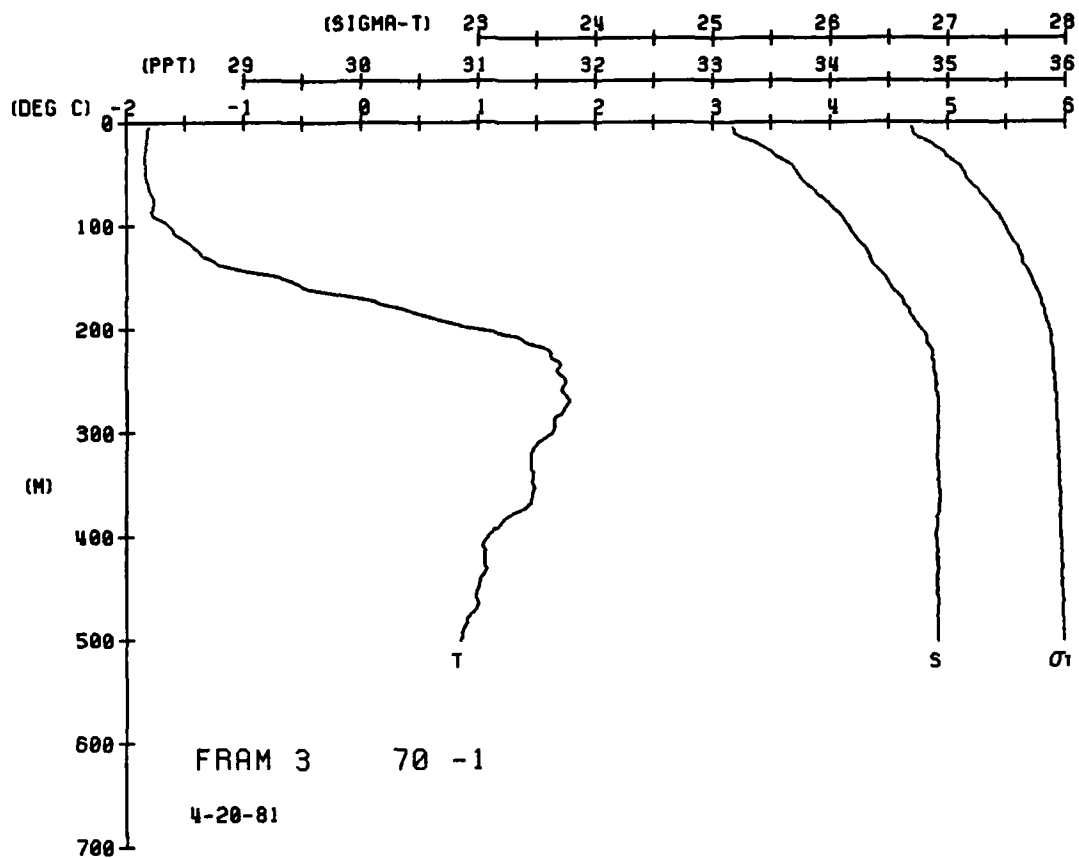
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10	77.9	26.68	133.4	0.014	1438.4
15	77.9	26.77	133.4	0.027	1438.4
20	77.9	26.85	126.8	0.034	1438.4
25	77.9	26.85	119.9	0.039	1438.4
30	77.9	26.98	106.7	0.045	1439.1
35	77.9	27.05	99.9	0.050	1439.3
40	77.9	27.14	91.6	0.059	1439.8
45	77.9	27.27	83.5	0.064	1439.9
50	77.9	27.34	74.9	0.073	1440.2
55	77.9	27.41	64.8	0.076	1440.5
60	77.9	27.44	62.8	0.084	1440.8
65	77.9	27.46	58.1	0.090	1441.3
70	77.9	27.49	51.5	0.096	1441.7
75	77.9	27.53	44.3	0.107	1443.6
80	77.9	27.59	41.3	0.112	1445.7
85	77.9	27.63	38.5	0.116	1447.1
90	77.9	27.69	35.0	0.120	1448.2
95	77.9	27.77	31.0	0.124	1450.2
100	77.9	27.80	28.6	0.130	1454.2
105	77.9	27.85	26.4	0.135	1458.0
110	77.9	27.88	22.0	0.140	1458.0
115	77.9	27.89	22.0	0.142	1460.9
120	77.9	27.90	20.9	0.144	1461.2
125	77.9	27.91	19.6	0.146	1461.9
130	77.9	27.91	18.2	0.148	1461.4
135	77.9	27.93	18.2	0.150	1461.8
140	77.9	27.93	17.3	0.152	1460.7
145	77.9	27.94	17.0	0.153	1460.9
150	77.9	27.94	16.5	0.157	1461.0
155	77.9	27.95	15.5	0.159	1461.6
160	77.9	27.95	15.2	0.160	1461.6
165	77.9	27.96	15.4	0.162	1461.5
170	77.9	27.96	14.8	0.165	1461.5
175	77.9	27.96	14.4	0.167	1461.1
180	77.9	27.97	14.4	0.168	1461.5
185	77.9	27.97	14.4	0.169	1461.5
190	77.9	27.97	14.4	0.171	1461.5
195	77.9	27.97	13.3	0.172	1461.2
200	77.9	27.97	13.3	0.174	1461.2
205	77.9	27.97	13.3	0.177	1461.3
210	77.9	27.98	13.3	0.179	1461.2
215	77.9	27.98	12.2	0.181	1461.3
220	77.9	27.98	12.2	0.182	1461.4
225	77.9	27.98	12.2	0.183	1461.5
230	77.9	27.99	12.2	0.184	1461.5
235	77.9	27.99	11.0	0.188	1462.2
240	77.9	27.99	11.0	0.192	1462.2
245	77.9	28.00	9.4	0.195	1462.4
250	77.9	28.01	9.4	0.196	1462.4
255	77.9	28.01	9.4	0.204	1462.4
260	77.9	28.01	9.4	0.204	1462.4
265	77.9	28.01	9.4	0.204	1462.4
270	77.9	28.01	9.4	0.204	1462.4
275	77.9	28.01	9.4	0.204	1462.4
280	77.9	28.01	9.4	0.204	1462.4
285	77.9	28.01	9.4	0.204	1462.4
290	77.9	28.01	9.4	0.204	1462.4
295	77.9	28.01	9.4	0.204	1462.4
300	77.9	28.01	9.4	0.204	1462.4
305	77.9	28.01	9.4	0.204	1462.4
310	77.9	28.01	9.4	0.204	1462.4
315	77.9	28.01	9.4	0.204	1462.4
320	77.9	28.01	9.4	0.204	1462.4
325	77.9	28.01	9.4	0.204	1462.4
330	77.9	28.01	9.4	0.204	1462.4
335	77.9	28.01	9.4	0.204	1462.4
340	77.9	28.01	9.4	0.204	1462.4
345	77.9	28.01	9.4	0.204	1462.4
350	77.9	28.01	9.4	0.204	1462.4
355	77.9	28.01	9.4	0.204	1462.4
360	77.9	28.01	9.4	0.204	1462.4
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410	77.9	28.01	9.4	0.204	1462.4
415	77.9	28.01	9.4	0.204	1462.4
420	77.9	28.01	9.4	0.204	1462.4
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430	77.9	28.01	9.4	0.204	1462.4
435	77.9	28.01	9.4	0.204	1462.4
440	77.9	28.01	9.4	0.204	1462.4
445	77.9	28.01	9.4	0.204	1462.4
450	77.9	28.01	9.4	0.204	1462.4
455	77.9	28.01	9.4	0.204	1462.4
460	77.9	28.01	9.4	0.204	1462.4
465	77.9	28.01	9.4	0.204	1462.4
470	77.9	28.01	9.4	0.204	1462.4
475	77.9	28.01	9.4	0.204	1462.4
480	77.9	28.01	9.4	0.204	1462.4
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490	77.9	28.01	9.4	0.204	1462.4
495	77.9	28.01	9.4	0.204	1462.4
500	77.9	28.01	9.4	0.204	1462.4
505	77.9	28.01	9.4	0.204	1462.4
510	77.9	28.01	9.4	0.204	1462.4
515	77.9	28.01	9.4	0.204	1462.4
520	77.9	28.01	9.4	0.204	1462.4
525	77.9	28.01	9.4	0.204	1462.4
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575	77.9	28.01	9.4	0.204	1462.4
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605	77.9	28.01	9.4	0.204	1462.4
610	77.9	28.01	9.4	0.204	1462.4
615	77.9	28.01	9.4	0.204	1462.4
620	77.9	28.01	9.4	0.204	1462.4
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630	77.9	28.01	9.4	0.204	1462.4
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670	77.9	28.01	9.4	0.204	1462.4
675	77.9	28.01	9.4	0.204	1462.4
680	77.9	28.01	9.4	0.204	1462.4
685	77.9	28.01	9.4	0.204	1462.4
690	77.9	28.01	9.4	0.204	1462.4
695	77.9	28.01	9.4	0.204	1462.4
700	77.9	28.01	9.4	0.204	1462.4
705	77.9	28.01	9.4	0.204	1462.4
710	77.9	28.01	9.4	0.204	1462.4
715	77.9	28.01	9.4	0.204	1462.4
720	77.9	28.01	9.4	0.204	1462.4
725	77.9	28.01	9.4	0.204	1462.4
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735	77.9	28.01	9.4	0.204	1462.4
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745	77.9	28.01	9.4	0.204	1462.4
750	77.9	28.01	9.4	0.204	1462.4
755	77.9	28.01	9.4	0.204	1462.4
760	77.9	28.01	9.4	0.204	1462.4
765	77.9	28.01	9.4	0.204	1462.4
770	77.9	28.01	9.4	0.204	1462.4
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805	77.9	28.01	9.4	0.204	1462.4
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815	77.9	28.01	9.4	0.204	1462.4
820	77.9	28.01	9.4	0.204	1462.4
825	77.9	28.01	9.4	0.204	1462.4
830	77.9	28.01	9.4	0.204	1462.4
835	77.9	28.01	9.4	0.204	1462.4
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855	77.9	28.01	9.4	0.204	1462.4
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900	77.9	28.01	9.4	0.204	1462.4
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935	77.9	28.01	9.4	0.204	1462.4
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950	77.9	28.01	9.4	0.204	1462.4
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960	77.9	28.01	9.4	0.204	1462.4
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975	77.9	28.01	9.4	0.204	1462.4
980	77.9	28.01	9.4	0.204	1462.4
985	77.9	28.01	9.4	0.204	1462.4
990	77.9	28.01	9.4	0.204	1462.4
995	77.9	28.01	9.4	0.204	1462.4
1000	77.9	28.01	9.4	0.204	1462.4



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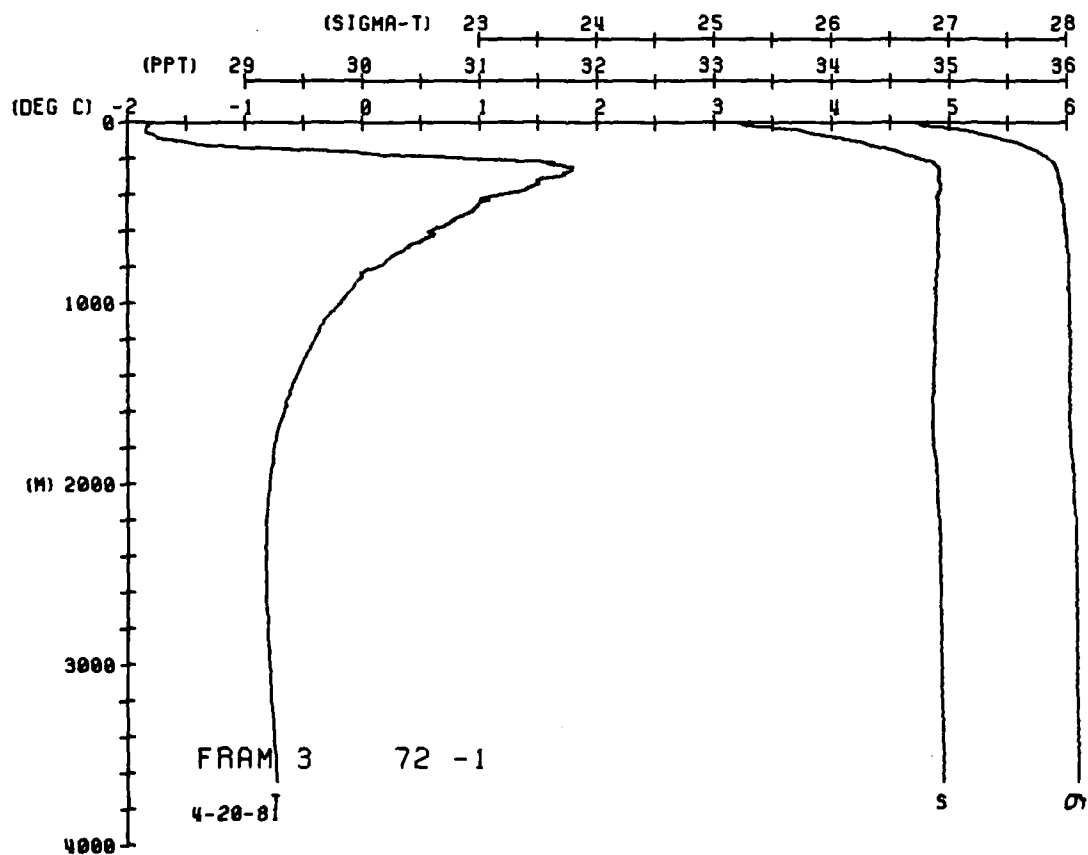
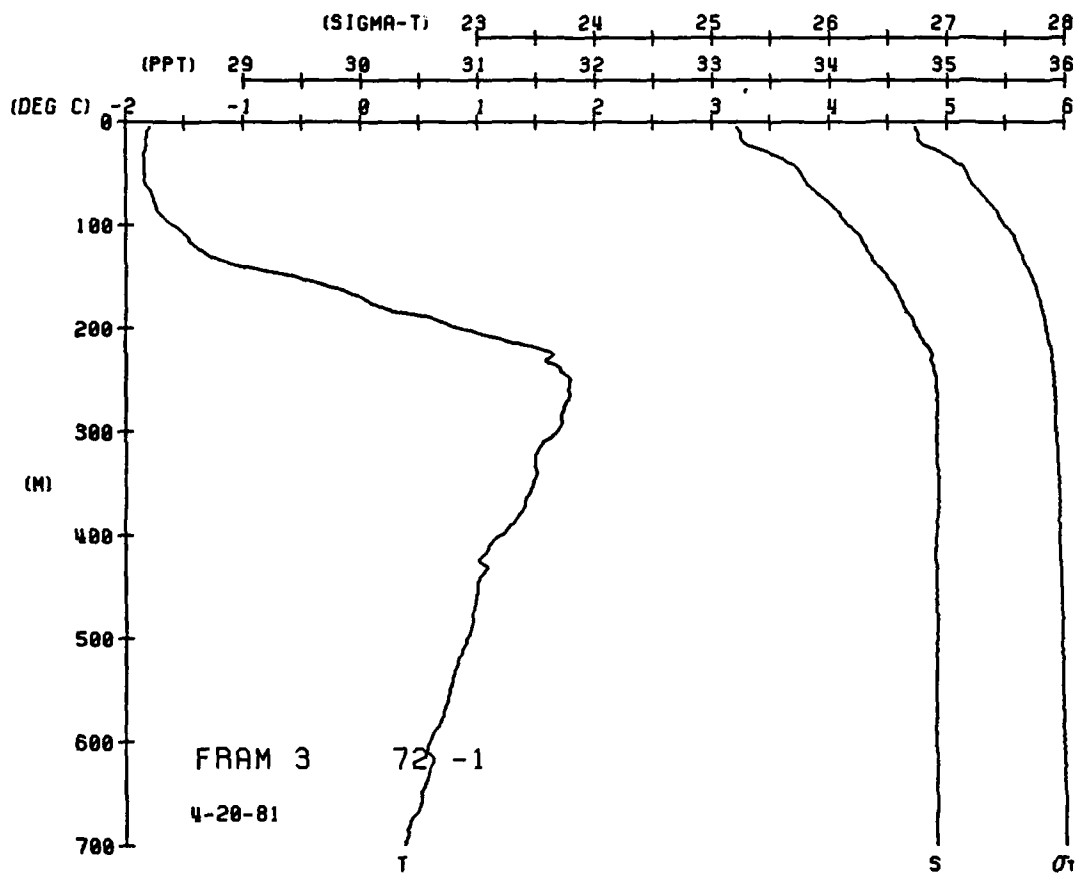
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5	1.80	1.81	33.17	26.70	6	0.00	1438.
10	1.82	1.82	33.19	26.71	4	0.00	1438.
15	1.82	1.83	33.27	26.74	1	0.00	1438.
20	1.84	1.84	33.51	26.97	1	0.00	1439.
25	1.84	1.84	33.59	27.08	3	0.00	1439.
30	1.84	1.84	33.70	27.13	1	0.00	1439.
35	1.84	1.84	33.73	27.15	9	0.00	1439.
40	1.84	1.84	33.76	27.17	8	0.00	1439.
45	1.84	1.84	33.80	27.21	4	0.00	1440.
50	1.84	1.84	33.80	27.23	1	0.00	1440.
55	1.81	1.81	33.80	27.27	9	0.00	1440.
60	1.81	1.81	33.80	27.27	8	0.00	1440.
65	1.78	1.77	33.80	27.27	1	0.00	1440.
70	1.78	1.77	33.80	27.27	9	0.00	1440.
75	1.76	1.77	34.00	27.37	2	0.00	1441.
80	1.76	1.77	34.00	27.37	9	0.00	1441.
85	1.78	1.77	34.13	27.45	9	0.00	1441.
90	1.77	1.70	34.13	27.45	0	0.00	1441.
95	1.63	1.63	34.16	27.49	0	0.00	1442.
100	1.56	1.56	34.24	27.59	3	0.00	1442.
110	1.43	1.43	34.34	27.63	4	0.00	1443.
120	1.33	1.33	34.43	27.63	1	0.00	1443.
130	1.15	1.15	34.43	27.71	4	0.00	1443.
140	0.98	0.98	34.43	27.71	5	0.00	1445.
150	0.48	0.48	34.52	27.75	8	0.00	1447.
160	0.34	0.33	34.52	27.75	3	0.00	1449.
170	0.34	0.33	34.64	27.82	8	0.00	1451.
180	0.64	0.69	34.72	27.84	0	0.00	1453.
190	1.08	0.99	34.73	27.87	5	0.00	1455.
200	1.38	1.35	34.87	27.88	0	0.00	1456.
210	1.60	1.59	34.87	27.90	4	0.00	1458.
220	1.67	1.65	34.88	27.90	1	0.00	1459.
230	1.75	1.74	34.89	27.90	4	0.00	1460.
240	1.72	1.71	34.91	27.92	8	0.00	1461.
250	1.72	1.70	34.92	27.92	1	0.00	1461.
260	1.63	1.63	34.92	27.93	8	0.00	1461.
270	1.63	1.61	34.92	27.93	4	0.00	1461.
280	1.50	1.49	34.92	27.94	5	0.00	1461.
290	1.45	1.44	34.92	27.94	0	0.00	1461.
300	1.47	1.45	34.93	27.95	1	0.00	1461.
310	1.47	1.46	34.93	27.96	8	0.00	1461.
320	1.46	1.44	34.93	27.96	0	0.00	1461.
330	1.47	1.45	34.93	27.96	1	0.00	1461.
340	1.47	1.45	34.93	27.96	8	0.00	1461.
350	1.46	1.44	34.93	27.96	0	0.00	1461.
360	1.46	1.44	34.93	27.96	1	0.00	1461.
370	1.46	1.44	34.93	27.96	0	0.00	1461.
380	1.47	1.45	34.93	27.96	1	0.00	1461.
390	1.47	1.45	34.93	27.96	8	0.00	1461.
400	1.47	1.45	34.93	27.96	0	0.00	1461.
410	1.47	1.45	34.93	27.96	1	0.00	1461.
420	1.47	1.45	34.93	27.96	8	0.00	1461.
430	1.47	1.45	34.93	27.96	0	0.00	146

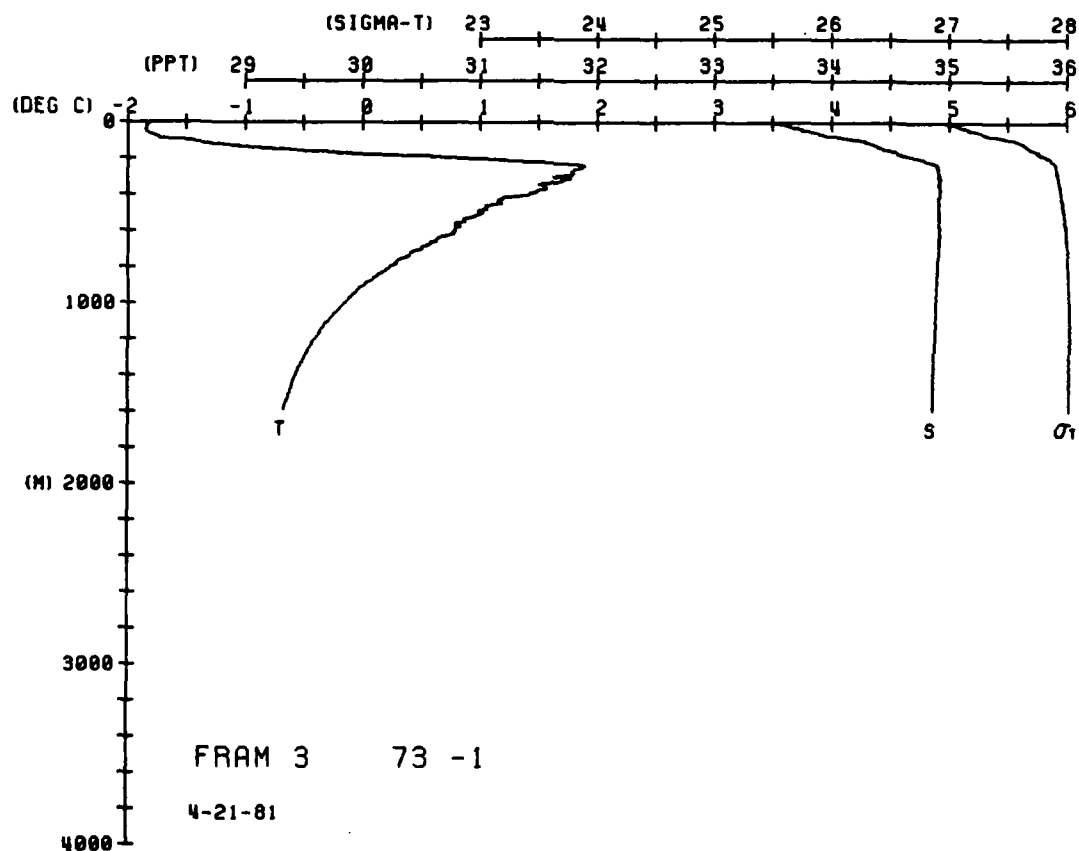
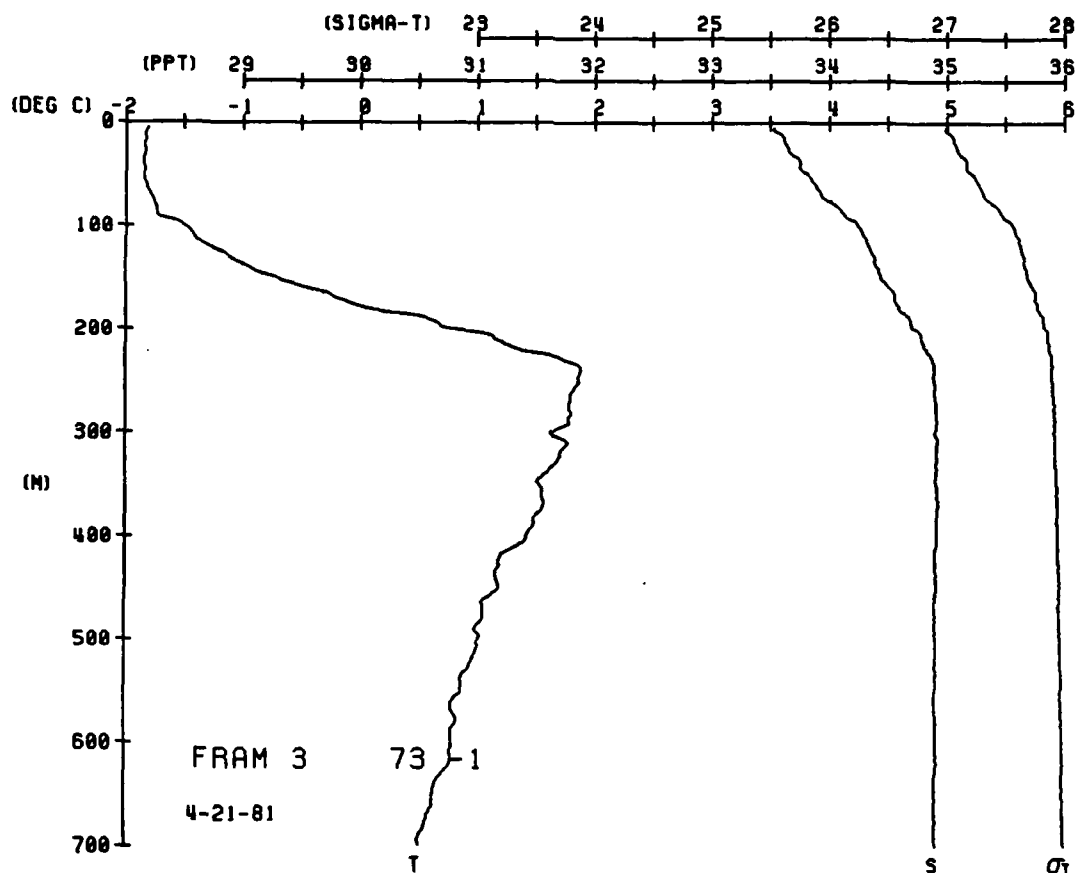
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	83	83	33.06	26.61	2	000	1438
4	83	83	33.09	26.62	2	006	1438
10	84	84	33.23	26.64	1	010	1438
20	85	85	33.34	26.69	0	026	1438
30	85	85	33.57	27.02	0	037	1439
40	85	85	33.61	27.07	0	042	1439
50	85	85	33.79	27.18	0	056	1439
60	84	84	33.83	27.23	0	064	1440
70	84	84	33.92	27.27	0	069	1440
80	84	84	34.01	27.31	0	075	1440
90	85	85	34.06	27.38	0	082	1441
100	85	85	34.168	27.469	0	088	1441
110	86	86	34.25	27.51	0	091	1442
120	86	86	34.33	27.58	0	096	1443
130	86	86	34.44	27.67	0	105	1444
140	87	87	34.52	27.75	0	109	1446
150	87	87	34.57	27.78	0	112	1449
160	87	87	34.65	27.82	0	118	1451
170	86	86	34.75	27.86	0	123	1455
180	86	86	34.82	27.90	0	126	1457
190	86	86	34.90	27.95	0	129	1458
200	87	87	34.94	27.99	0	131	1460
220	87	87	34.97	27.98	0	134	1461
230	87	87	34.98	27.97	0	135	1461
240	87	87	35.00	27.99	0	136	1461
260	87	87	35.01	28.00	0	139	1461
270	87	87	35.09	28.01	0	141	1461
280	87	87	35.00	28.01	0	142	1461
290	87	87	35.09	28.01	0	143	1461
300	87	87	35.00	28.01	0	144	1461
320	87	87	35.01	28.03	0	145	1461
330	87	87	35.00	28.04	0	147	1461
340	87	87	35.00	28.04	0	148	1461
350	87	87	35.00	28.04	0	149	1460
360	87	87	35.00	28.03	0	150	1461
370	87	87	34.99	28.03	0	151	1461
380	87	87	34.99	28.04	0	152	1461
390	87	87	34.99	28.05	0	153	1461
400	87	87	34.99	28.05	0	154	1461
420	87	87	34.99	28.05	0	155	1461
440	87	87	34.99	28.05	0	156	1461
450	87	87	34.99	28.05	0	157	1461
460	87	87	34.99	28.05	0	157	1461
470	87	87	34.99	28.05	0	157	1461
480	87	87	34.99	28.05	0	157	1461
500	87	87	34.99	28.05	0	157	1461



PRAN 3 STATION 72(1) CTD 20/APR/1981 1911 GMT CUDE = 5
LAT = 82.703N LNG = 6.605E LTER = 30
AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHT	SOUND
0.0	1.78	1.18	33.20	28.01	9.63	0.205	1462.6
0.5	1.79	1.17	33.21	28.02	9.63	0.207	1462.1
1.0	1.79	1.17	33.22	28.03	9.63	0.210	1461.1
1.5	1.82	1.14	33.25	28.03	9.63	0.216	1461.7
2.0	1.83	1.13	33.26	28.03	9.63	0.220	1461.3
2.5	1.83	1.13	33.26	28.03	9.63	0.227	1461.3
3.0	1.84	1.14	33.30	28.03	9.63	0.230	1461.9
3.5	1.84	1.14	33.30	28.03	9.63	0.233	1461.9
4.0	1.85	1.15	33.31	28.03	9.63	0.237	1461.4
4.5	1.85	1.15	33.31	28.03	9.63	0.240	1461.2
5.0	1.85	1.15	33.31	28.03	9.63	0.245	1461.5
5.5	1.85	1.15	33.31	28.03	9.63	0.248	1461.5
6.0	1.83	1.13	33.31	28.03	9.63	0.253	1461.9
6.5	1.78	1.08	33.32	28.03	9.63	0.255	1470.5
7.0	1.78	1.08	33.32	28.03	9.63	0.257	1471.0
7.5	1.74	1.04	33.32	28.03	9.63	0.259	1472.0
8.0	1.73	1.03	33.32	28.03	9.63	0.261	1472.8
8.5	1.69	1.00	33.32	28.03	9.63	0.263	1473.5
9.0	1.65	0.96	33.32	28.03	9.63	0.265	1474.0
9.5	1.59	0.90	33.32	28.03	9.63	0.268	1475.0
10.0	1.48	0.79	33.32	28.03	9.63	0.268	1476.5
11.0	1.40	0.71	33.32	28.03	9.63	0.268	1477.3
12.0	1.27	0.58	33.32	28.03	9.63	0.268	1478.0
13.0	1.19	0.50	33.32	28.03	9.63	0.268	1478.9
14.0	1.09	0.40	33.32	28.03	9.63	0.268	1479.9
15.0	0.94	0.25	33.32	28.03	9.63	0.268	1480.5
16.0	0.80	0.11	33.32	28.03	9.63	0.268	1481.6
17.0	0.62	0.02	33.32	28.03	9.63	0.268	1482.3
18.0	0.48	0.00	33.32	28.03	9.63	0.268	1483.3
19.0	0.32	0.00	33.32	28.03	9.63	0.268	1484.3
20.0	0.19	0.00	33.32	28.03	9.63	0.268	1485.2
21.0	0.08	0.00	33.32	28.03	9.63	0.268	1485.9
22.0	0.00	0.00	33.32	28.03	9.63	0.268	1486.7
23.0	0.00	0.00	33.32	28.03	9.63	0.268	1487.5
24.0	0.00	0.00	33.32	28.03	9.63	0.268	1488.3
25.0	0.00	0.00	33.32	28.03	9.63	0.268	1489.3
26.0	0.00	0.00	33.32	28.03	9.63	0.268	1490.2
27.0	0.00	0.00	33.32	28.03	9.63	0.268	1491.1
28.0	0.00	0.00	33.32	28.03	9.63	0.268	1492.0
29.0	0.00	0.00	33.32	28.03	9.63	0.268	1492.8
30.0	0.00	0.00	33.32	28.03	9.63	0.268	1493.7
31.0	0.00	0.00	33.32	28.03	9.63	0.268	1494.6
32.0	0.00	0.00	33.32	28.03	9.63	0.268	1495.5
33.0	0.00	0.00	33.32	28.03	9.63	0.268	1496.4
34.0	0.00	0.00	33.32	28.03	9.63	0.268	1497.3
35.0	0.00	0.00	33.32	28.03	9.63	0.268	1498.2
36.0	0.00	0.00	33.32	28.03	9.63	0.268	1499.1
37.0	0.00	0.00	33.32	28.03	9.63	0.268	1500.0
38.0	0.00	0.00	33.32	28.03	9.63	0.268	1501.0
39.0	0.00	0.00	33.32	28.03	9.63	0.268	1501.8
40.0	0.00	0.00	33.32	28.03	9.63	0.268	1502.7
41.0	0.00	0.00	33.32	28.03	9.63	0.268	1503.6
42.0	0.00	0.00	33.32	28.03	9.63	0.268	1504.5
43.0	0.00	0.00	33.32	28.03	9.63	0.268	1505.4
44.0	0.00	0.00	33.32	28.03	9.63	0.268	1506.3
45.0	0.00	0.00	33.32	28.03	9.63	0.268	1507.2
46.0	0.00	0.00	33.32	28.03	9.63	0.268	1508.1
47.0	0.00	0.00	33.32	28.03	9.63	0.268	1509.0
48.0	0.00	0.00	33.32	28.03	9.63	0.268	1510.0
49.0	0.00	0.00	33.32	28.03	9.63	0.268	1510.9
50.0	0.00	0.00	33.32	28.03	9.63	0.268	1511.8
51.0	0.00	0.00	33.32	28.03	9.63	0.268	1512.7
52.0	0.00	0.00	33.32	28.03	9.63	0.268	1513.6
53.0	0.00	0.00	33.32	28.03	9.63	0.268	1514.5
54.0	0.00	0.00	33.32	28.03	9.63	0.268	1515.4
55.0	0.00	0.00	33.32	28.03	9.63	0.268	1516.3
56.0	0.00	0.00	33.32	28.03	9.63	0.268	1517.2
57.0	0.00	0.00	33.32	28.03	9.63	0.268	1518.1
58.0	0.00	0.00	33.32	28.03	9.63	0.268	1519.0
59.0	0.00	0.00	33.32	28.03	9.63	0.268	1520.0
60.0	0.00	0.00	33.32	28.03	9.63	0.268	1520.9



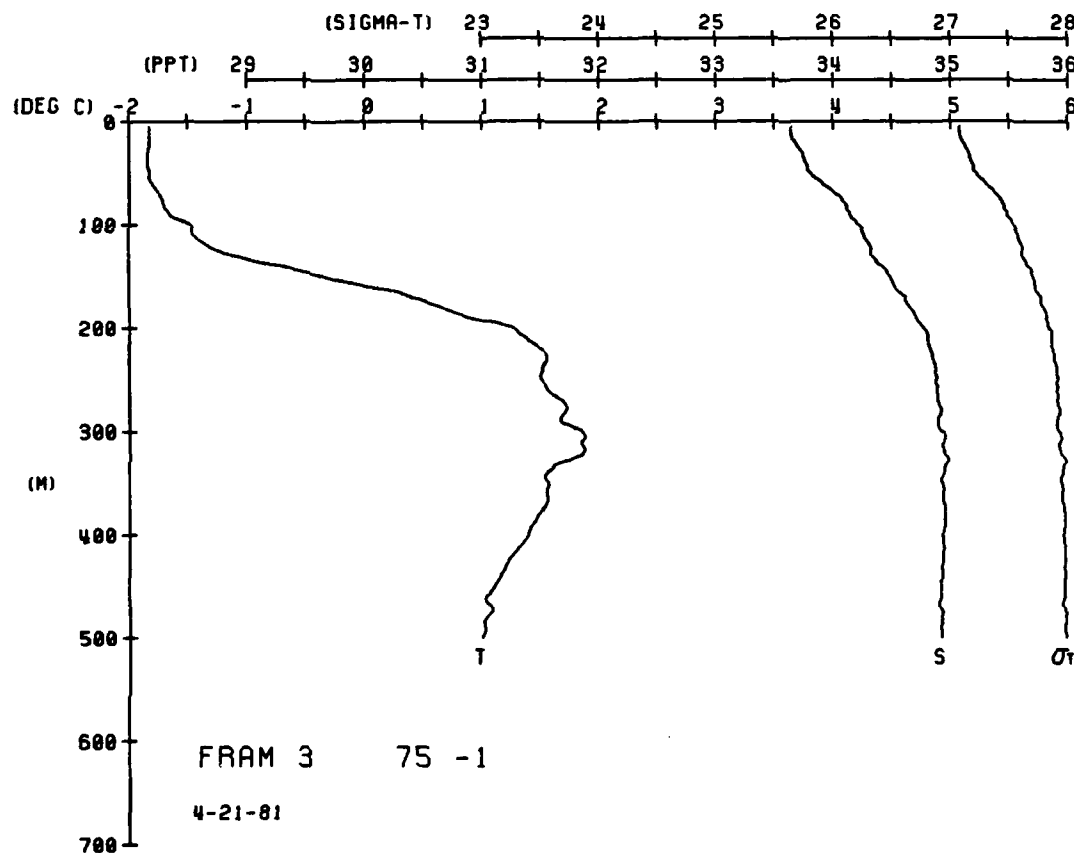
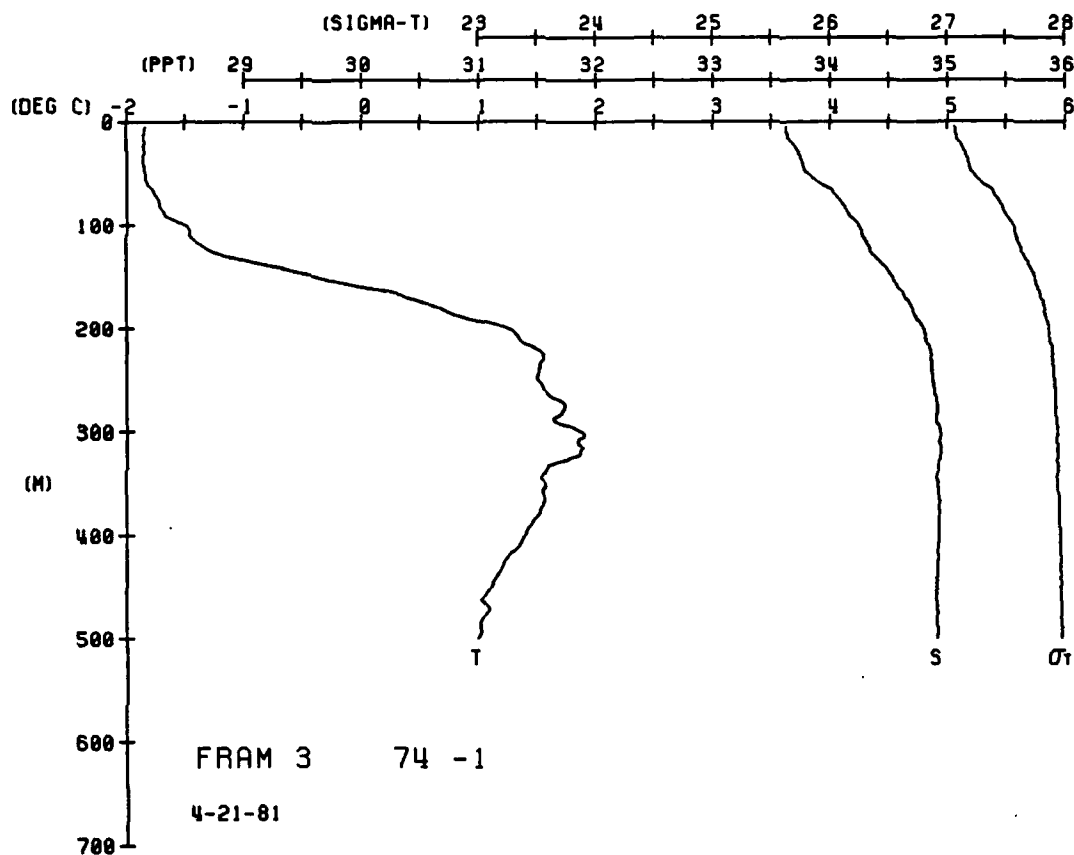


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PRAM 3 STATION /5(1) CUD 21/APR/1981 1058 GMT CODE = 5
LAT = 82.5948U LNW = 6.5420E LTR = 30. LGKR = 30.
ALK TEMP = 0.0 HAKUM = 0.0 WIND = 0.0 SPEED = 0.0

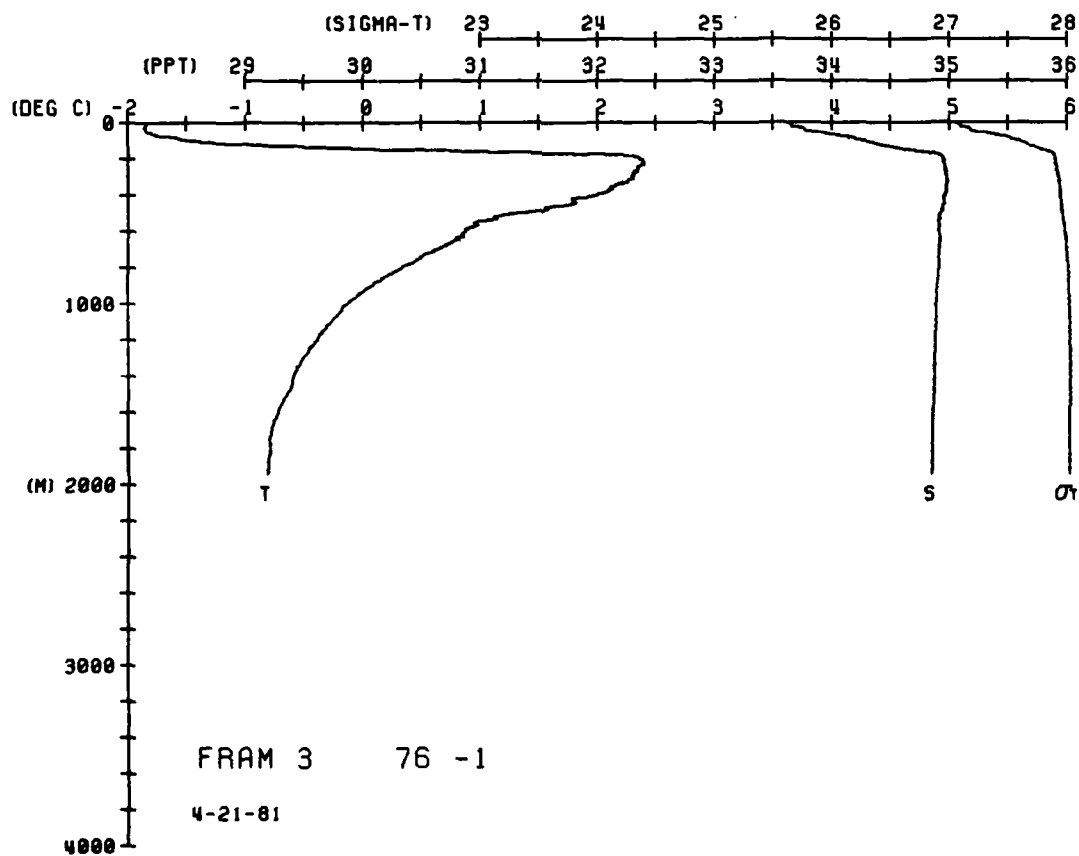
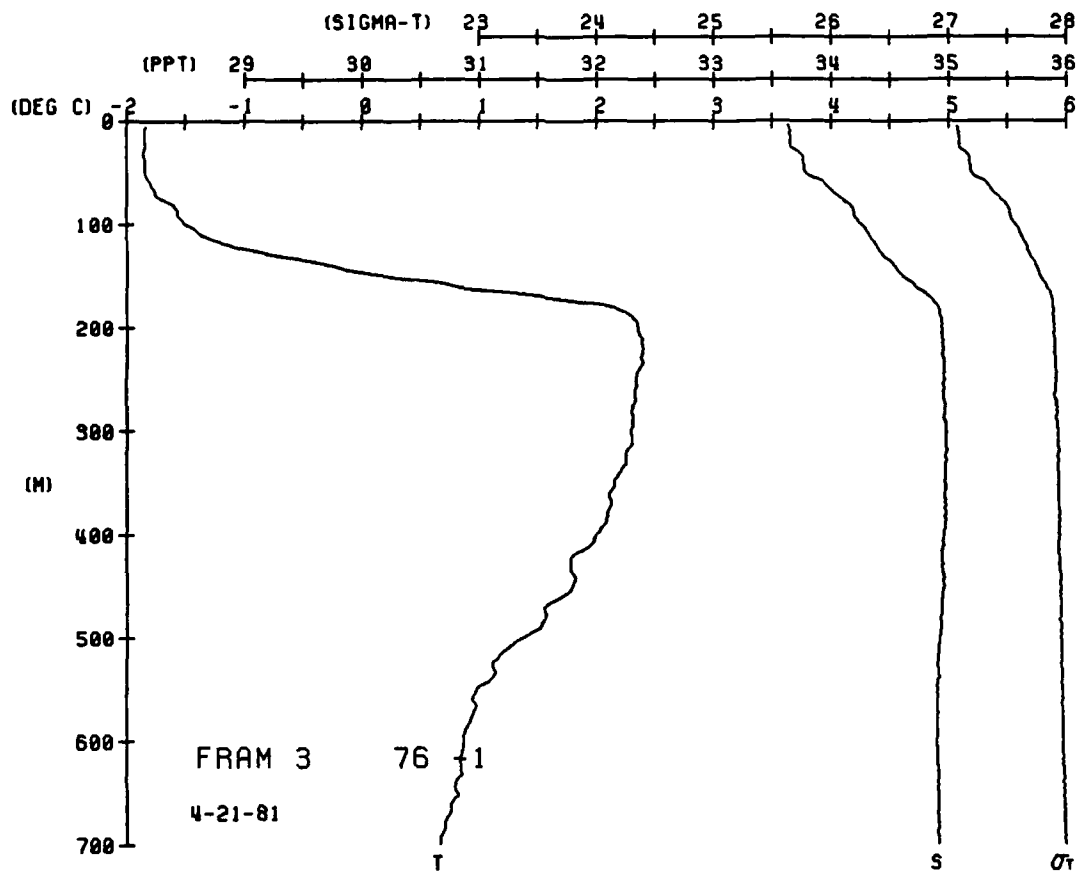
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DEPTH	TEMP	PIEP	SALIN	SIG T	SPVAL	DYMT	SQUID
0.0	1.83	-1.83	33.64	27.08	97.3	0.000	1438.9
4.0	1.83	-1.83	33.64	27.08	97.3	0.004	1439.0
10.0	1.83	-1.83	33.65	27.08	97.3	0.010	1439.0
15.0	1.83	-1.83	33.68	27.11	96.5	0.015	1439.1
20.0	1.83	-1.83	33.71	27.13	94.2	0.024	1439.3
25.0	1.84	-1.84	33.74	27.16	89.9	0.029	1439.5
30.0	1.84	-1.84	33.76	27.17	86.4	0.033	1439.6
35.0	1.84	-1.84	33.78	27.19	86.9	0.038	1439.7
40.0	1.84	-1.84	33.79	27.21	84.1	0.046	1439.8
45.0	1.83	-1.83	33.81	27.26	80.1	0.051	1440.0
50.0	1.82	-1.82	33.86	27.30	76.0	0.055	1440.4
55.0	1.80	-1.80	33.92	27.35	71.5	0.058	1440.4
60.0	1.77	-1.77	34.03	27.39	67.4	0.062	1441.0
65.0	1.74	-1.74	34.04	27.43	63.6	0.065	1441.3
70.0	1.72	-1.72	34.11	27.45	61.2	0.068	1441.4
75.0	1.71	-1.71	34.13	27.47	59.9	0.071	1441.7
80.0	1.68	-1.68	34.15	27.48	58.5	0.074	1441.9
85.0	1.65	-1.65	34.18	27.50	56.4	0.077	1442.4
90.0	1.57	-1.57	34.24	27.54	53.2	0.080	1443.0
95.0	1.47	-1.47	34.28	27.58	49.0	0.085	1443.4
100.0	1.44	-1.45	34.33	27.62	45.6	0.090	1444.2
110.0	1.33	-1.33	34.34	27.67	40.9	0.095	1445.5
120.0	1.09	-1.10	34.44	27.77	37.7	0.099	1447.0
130.0	0.99	-0.99	34.44	27.77	35.7	0.101	1447.0
140.0	0.93	-0.94	34.54	27.73	35.7	0.107	1449.5
150.0	0.83	-0.84	34.54	27.78	31.2	0.110	1451.5
160.0	0.68	-0.67	34.62	27.79	29.9	0.113	1454.9
170.0	0.58	-0.59	34.66	27.82	27.2	0.116	1456.2
180.0	0.49	-0.50	34.72	27.85	25.1	0.119	1458.1
190.0	0.27	-0.28	34.81	27.87	23.9	0.121	1459.5
200.0	1.38	-1.37	34.83	27.89	22.9	0.123	1459.5
210.0	1.50	-1.49	34.88	27.91	21.0	0.126	1460.0
220.0	1.57	-1.55	34.88	27.91	19.0	0.128	1460.0
230.0	1.52	-1.51	34.88	27.91	19.5	0.130	1460.1
240.0	1.54	-1.50	34.88	27.91	19.5	0.132	1460.5
250.0	1.57	-1.56	34.90	27.93	19.3	0.134	1461.5
260.0	1.57	-1.56	34.92	27.93	17.8	0.135	1461.6
270.0	1.58	-1.57	34.89	27.91	19.0	0.137	1461.5
280.0	1.58	-1.58	34.93	27.93	18.2	0.139	1462.5
290.0	1.59	-1.58	34.95	27.94	17.9	0.141	1462.9
300.0	1.57	-1.55	34.98	27.94	16.3	0.143	1462.9
310.0	1.57	-1.55	34.98	27.96	14.6	0.146	1462.9
320.0	1.57	-1.55	34.98	27.96	14.6	0.147	1462.9
330.0	1.58	-1.56	34.94	27.95	15.4	0.149	1462.3
340.0	1.58	-1.56	34.94	27.97	15.4	0.150	1462.3
350.0	1.58	-1.56	34.96	27.98	13.6	0.152	1462.3
360.0	1.50	-1.48	34.95	27.98	13.0	0.153	1462.2
370.0	1.49	-1.47	34.94	27.97	13.0	0.155	1462.2
380.0	1.44	-1.42	34.94	27.97	13.0		



FRAM 3 STATION 70-11 CTD 21/APR/19H1 1409 GMT CODE = 5
 LAT = 82.5702N LONG = 6.5100E UTKR = 30
 AJR TEMP = 0.0 BAROC = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNH	SUDD	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNH	SUDD
0.0	1.84	-1.84	33.64	21.07	91.7	0.000	1438.5	0.01	0.57	34.91	28.00	11.0	0.193	1463.7
5.0	1.84	-1.84	33.64	22.08	91.5	0.004	1438.9	0.51	0.47	34.91	28.00	10.7	0.196	1463.8
10.0	1.85	-1.85	33.66	22.09	90.9	0.005	1439.0	0.22	0.32	34.91	28.01	9.5	0.201	1463.9
15.0	1.85	-1.85	33.66	22.10	90.6	0.004	1439.2	0.10	0.16	34.90	28.01	8.3	0.205	1464.2
20.0	1.85	-1.85	33.67	22.11	90.4	0.004	1439.4	-0.06	-0.06	34.89	28.02	7.4	0.208	1464.5
25.0	1.85	-1.85	33.71	22.12	90.3	0.004	1439.5	-0.10	-0.14	34.89	28.02	7.0	0.208	1464.8
30.0	1.85	-1.85	33.77	22.13	89.9	0.004	1439.6	-0.25	-0.23	34.88	28.03	6.5	0.209	1465.2
35.0	1.85	-1.85	33.80	22.14	89.5	0.004	1439.9	-0.31	-0.37	34.88	28.03	6.4	0.209	1466.2
40.0	1.85	-1.85	33.86	22.15	89.2	0.005	1440.1	-0.44	-0.43	34.88	28.03	5.9	0.225	1466.7
45.0	1.84	-1.84	33.90	22.16	89.0	0.005	1440.5	-0.50	-0.50	34.87	28.03	5.5	0.230	1467.3
50.0	1.82	-1.82	33.94	22.17	88.7	0.005	1440.7	-0.54	-0.50	34.87	28.03	5.3	0.230	1467.8
55.0	1.77	-1.77	34.04	22.18	88.5	0.005	1440.9	-0.58	-0.50	34.87	28.03	4.7	0.230	1468.4
60.0	1.71	-1.71	34.10	22.19	88.2	0.005	1441.3	-0.61	-0.57	34.87	28.03	4.7	0.235	1469.1
65.0	1.63	-1.63	34.19	22.20	87.9	0.005	1441.5	-0.64	-0.61	34.87	28.03	4.6	0.245	1470.5
70.0	1.57	-1.57	34.21	22.21	87.5	0.008	1441.9	-0.68	-0.75	34.86	28.03	4.4	0.249	1471.2
75.0	1.56	-1.56	34.23	22.22	87.2	0.008	1442.3	-0.71	-0.79	34.86	28.03	4.4	0.251	1472.5
80.0	1.53	-1.53	34.27	22.23	86.9	0.008	1442.7	-0.75	-0.82	34.86	28.03	3.9	0.253	1473.9
85.0	1.49	-1.49	34.33	22.24	86.7	0.008	1443.0	-0.77	-0.85	34.86	28.03	3.6	0.255	1474.7
90.0	1.43	-1.43	34.35	22.25	86.2	0.008	1443.4	-0.79	-0.87	34.85	28.03	3.3	0.257	1475.6
95.0	1.36	-1.36	34.40	22.26	85.9	0.008	1443.9	-0.80	-0.88	34.86	28.03	3.0	0.260	1476.8
100.0	1.33	-1.33	34.45	22.27	85.6	0.008	1444.2	-0.81	-0.89	34.85	28.03	3.1	0.262	1477.2
110.0	1.25	-1.25	34.54	22.28	85.3	0.009	1444.9	-0.81	-0.90	34.85	28.03	3.1	0.264	1478.0
120.0	0.80	0.80	34.61	22.29	85.0	0.009	1445.2	-0.81	-0.91	34.85	28.02	3.2		1478.1
130.0	0.20	0.20	34.72	22.30	84.7	0.010	1445.9							
140.0	0.80	0.80	34.84	22.31	84.4	0.010	1446.2							
150.0	1.56	1.56	34.91	22.32	84.1	0.011	1446.3							
160.0	2.32	2.32	34.94	22.33	83.9	0.011	1446.3							
170.0	2.36	2.36	34.95	22.34	83.7	0.011	1446.3							
180.0	2.39	2.39	34.96	22.35	83.5	0.011	1446.3							
190.0	2.40	2.40	34.96	22.36	83.3	0.011	1446.3							
200.0	2.40	2.40	34.96	22.37	83.1	0.011	1446.3							
210.0	2.39	2.39	34.96	22.38	82.9	0.011	1446.3							
220.0	2.37	2.37	34.96	22.39	82.7	0.011	1446.3							
230.0	2.35	2.35	34.97	22.40	82.5	0.011	1446.3							
240.0	2.34	2.34	34.97	22.41	82.3	0.011	1446.3							
250.0	2.33	2.33	34.97	22.42	82.1	0.011	1446.3							
260.0	2.32	2.32	34.97	22.43	81.9	0.011	1446.3							
270.0	2.30	2.30	34.97	22.44	81.7	0.011	1446.3							
280.0	2.30	2.30	34.97	22.45	81.5	0.011	1446.3							
290.0	2.30	2.30	34.98	22.46	81.3	0.011	1446.3							
300.0	2.31	2.31	34.98	22.47	81.1	0.011	1446.3							
310.0	2.26	2.26	34.98	22.48	80.9	0.011	1446.3							
320.0	2.26	2.26	34.99	22.49	80.7	0.011	1446.3							
330.0	2.21	2.21	34.99	22.50	80.5	0.011	1446.3							
340.0	2.16	2.16	34.99	22.51	80.3	0.011	1446.3							
350.0	2.11	2.11	34.99	22.52	80.1	0.011	1446.3							
360.0	2.10	2.10	34.99	22.53	79.9	0.011	1446.3							
370.0	2.07	2.07	34.99	22.54	79.7	0.011	1446.3							
380.0	2.00	2.00	34.99	22.55	79.5	0.011	1446.3							
390.0	1.81	1.81	34.99	22.56	79.3	0.011	1446.3							
400.0	1.79	1.79	34.99	22.57	79.1	0.011	1446.3							
410.0	1.79	1.79	34.99	22.58	78.9	0.011	1446.3							
420.0	1.70	1.70	34.99	22.59	78.7	0.011	1446.3							
430.0	1.53	1.53	34.99	22.60	78.5	0.011	1446.3							
440.0	1.33	1.33	34.99	22.61	78.3	0.011	1446.3							
450.0	1.13	1.13	34.99	22.62	78.1	0.011	1446.3							
460.0	0.93	0.93	34.99	22.63	77.9	0.011	1446.3							
470.0	0.74	0.74	34.99	22.64	77.7	0.011	1446.3							
480.0	0.55	0.55	34.99	22.65	77.5	0.011	1446.3							
490.0	0.36	0.36	34.99	22.66	77.3	0.011	1446.3							
500.0	0.17	0.17	34.99	22.67	77.1	0.011	1446.3							
510.0	0.00	0.00	34.99	22.68	76.9	0.011	1446.3							
520.0	0.00	0.00	34.99	22.69	76.7	0.011	1446.3							
530.0	0.00	0.00	34.99	22.70	76.5	0.011	1446.3							
540.0	0.00	0.00	34.99	22.71	76.3	0.011	1446.3							
550.0	0.00	0.00	34.99	22.72	76.1	0.011	1446.3							
560.0	0.00	0.00	34.99	22.73	75.9	0.011	1446.3							
570.0	0.00	0.00	34.99	22.74	75.7	0.011	1446.3							
580.0	0.00	0.00	34.99	22.75	75.5	0.011	1446.3							
590.0	0.00	0.00	34.99	22.76	75.3	0.011	1446.3							
600.0	0.00	0.00	34.99	22.77	75.1	0.011	1446.3							

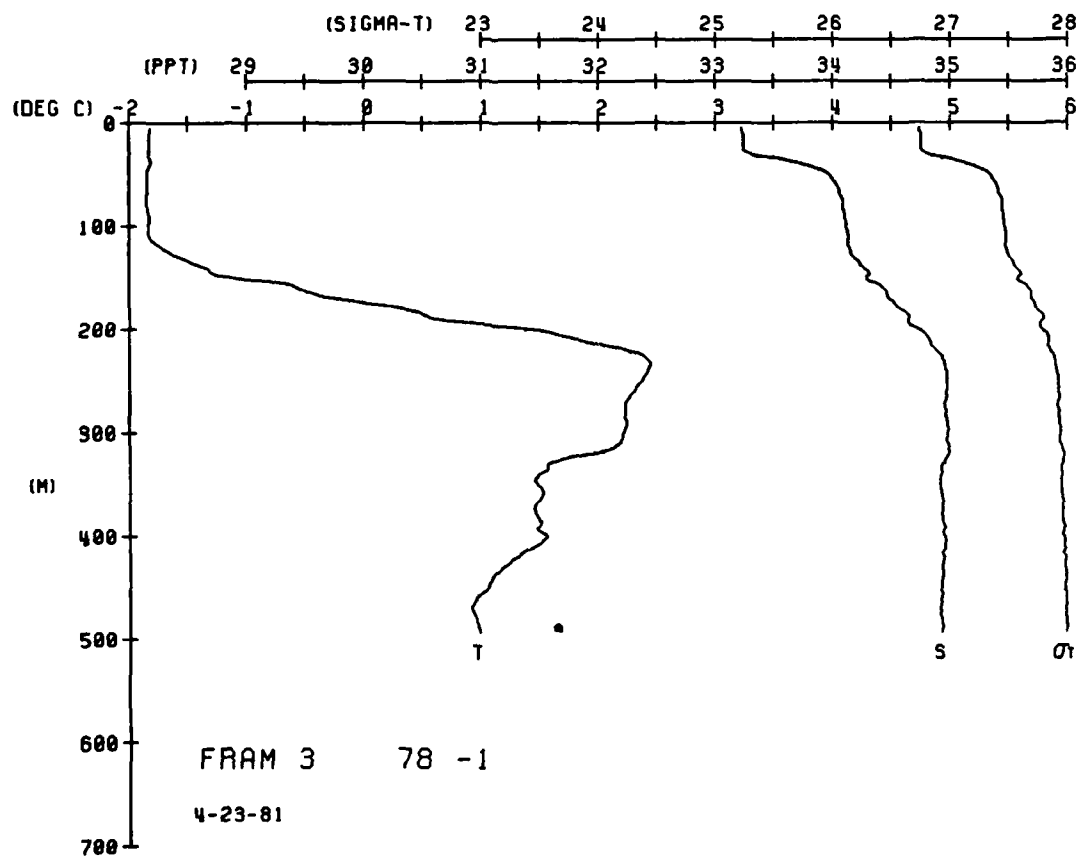
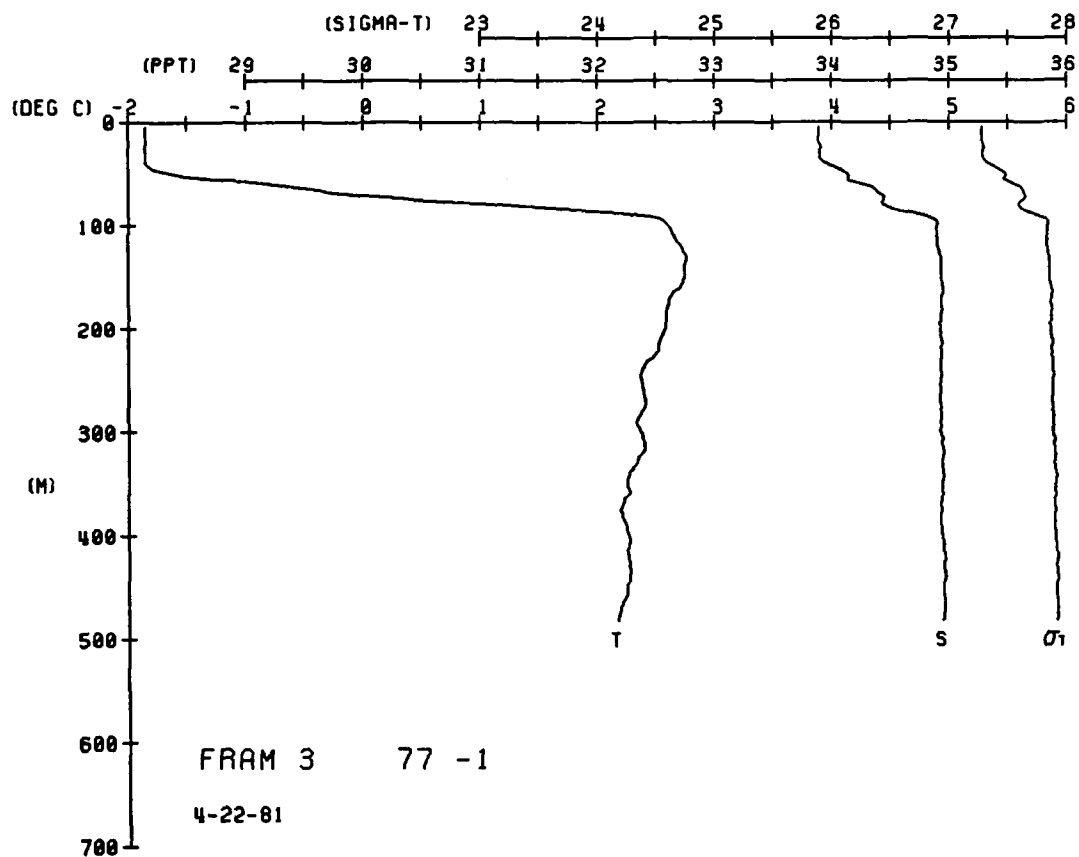


FRAM 3 STATION 77(1) CTD 22/APR/1981 1431 GMT CODE = 5
LAT = 42.3405N LONG = 6.3117E LTER = 30.0 UGR = 30.0
AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

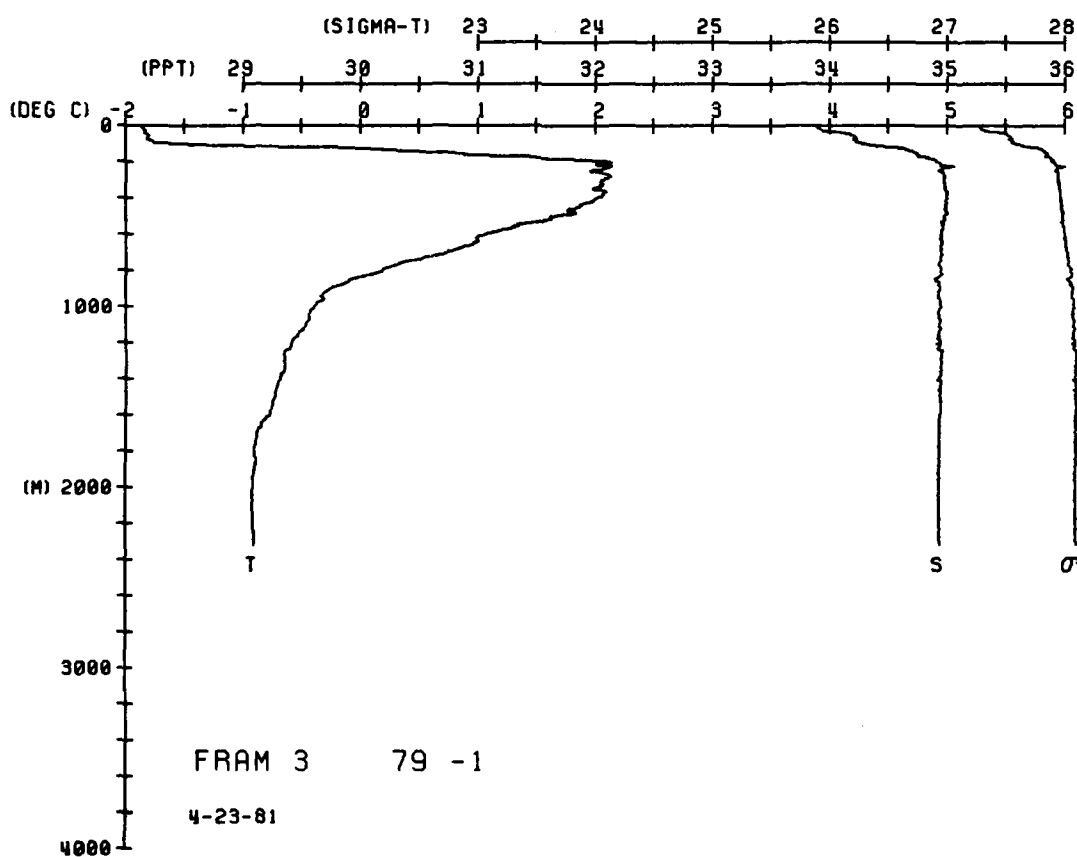
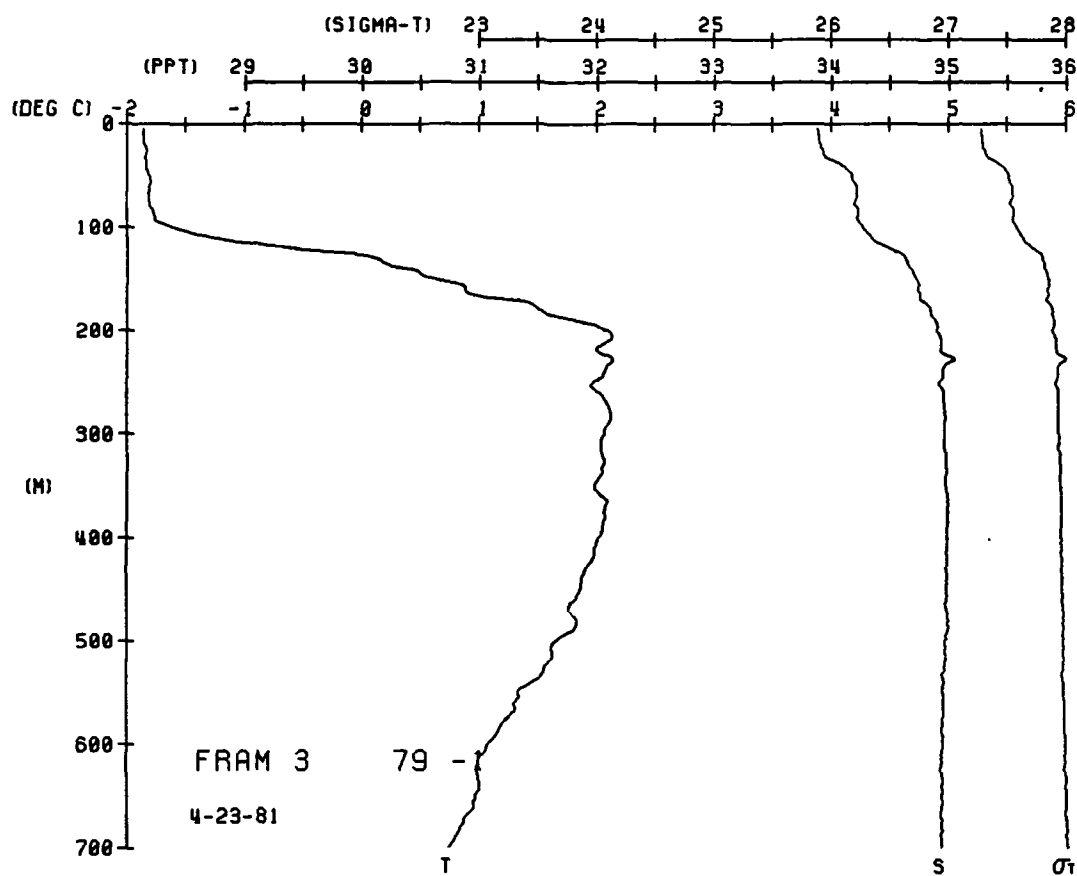
DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYNHI	SOUND
0.0	-1.85	-1.85	33.90	27.29	77.5	0.000	1439.1
4.0	-1.85	-1.85	33.90	27.29	77.5	0.003	1439.2
10.0	-1.85	-1.85	33.89	27.28	77.5	0.008	1439.3
15.0	-1.85	-1.85	33.89	27.28	77.5	0.016	1439.5
20.0	-1.85	-1.85	33.90	27.29	77.5	0.024	1439.6
25.0	-1.85	-1.85	33.91	27.29	77.5	0.031	1439.7
30.0	-1.85	-1.85	33.91	27.29	77.5	0.038	1439.9
35.0	-1.85	-1.85	33.91	27.29	77.5	0.045	1440.1
40.0	-1.85	-1.85	33.91	27.29	77.5	0.052	1440.3
45.0	-1.85	-1.85	33.91	27.29	77.5	0.059	1440.5
50.0	-1.85	-1.85	33.91	27.29	77.5	0.066	1440.7
55.0	-1.85	-1.85	33.91	27.29	77.5	0.073	1440.9
60.0	-1.85	-1.85	33.91	27.29	77.5	0.080	1441.1
65.0	-1.85	-1.85	33.91	27.29	77.5	0.087	1441.3
70.0	-1.85	-1.85	33.91	27.29	77.5	0.094	1441.5
75.0	-1.85	-1.85	33.91	27.29	77.5	0.101	1441.7
80.0	-1.85	-1.85	33.91	27.29	77.5	0.108	1441.9
85.0	-1.85	-1.85	33.91	27.29	77.5	0.115	1442.1
90.0	-1.85	-1.85	33.91	27.29	77.5	0.122	1442.3
95.0	-1.85	-1.85	33.91	27.29	77.5	0.129	1442.5
100.0	-1.85	-1.85	33.91	27.29	77.5	0.136	1442.7
105.0	-1.85	-1.85	33.91	27.29	77.5	0.143	1442.9
110.0	-1.85	-1.85	33.91	27.29	77.5	0.150	1443.1
115.0	-1.85	-1.85	33.91	27.29	77.5	0.157	1443.3
120.0	-1.85	-1.85	33.91	27.29	77.5	0.164	1443.5
125.0	-1.85	-1.85	33.91	27.29	77.5	0.171	1443.7
130.0	-1.85	-1.85	33.91	27.29	77.5	0.178	1443.9
135.0	-1.85	-1.85	33.91	27.29	77.5	0.185	1444.1
140.0	-1.85	-1.85	33.91	27.29	77.5	0.192	1444.3
145.0	-1.85	-1.85	33.91	27.29	77.5	0.199	1444.5
150.0	-1.85	-1.85	33.91	27.29	77.5	0.206	1444.7
155.0	-1.85	-1.85	33.91	27.29	77.5	0.213	1444.9
160.0	-1.85	-1.85	33.91	27.29	77.5	0.220	1445.1
165.0	-1.85	-1.85	33.91	27.29	77.5	0.227	1445.3
170.0	-1.85	-1.85	33.91	27.29	77.5	0.234	1445.5
175.0	-1.85	-1.85	33.91	27.29	77.5	0.241	1445.7
180.0	-1.85	-1.85	33.91	27.29	77.5	0.248	1445.9
185.0	-1.85	-1.85	33.91	27.29	77.5	0.255	1446.1
190.0	-1.85	-1.85	33.91	27.29	77.5	0.262	1446.3
195.0	-1.85	-1.85	33.91	27.29	77.5	0.269	1446.5
200.0	-1.85	-1.85	33.91	27.29	77.5	0.276	1446.7
205.0	-1.85	-1.85	33.91	27.29	77.5	0.283	1446.9
210.0	-1.85	-1.85	33.91	27.29	77.5	0.290	1447.1
215.0	-1.85	-1.85	33.91	27.29	77.5	0.297	1447.3
220.0	-1.85	-1.85	33.91	27.29	77.5	0.304	1447.5
225.0	-1.85	-1.85	33.91	27.29	77.5	0.311	1447.7
230.0	-1.85	-1.85	33.91	27.29	77.5	0.318	1447.9
235.0	-1.85	-1.85	33.91	27.29	77.5	0.325	1448.1
240.0	-1.85	-1.85	33.91	27.29	77.5	0.332	1448.3
245.0	-1.85	-1.85	33.91	27.29	77.5	0.339	1448.5
250.0	-1.85	-1.85	33.91	27.29	77.5	0.346	1448.7
255.0	-1.85	-1.85	33.91	27.29	77.5	0.353	1448.9
260.0	-1.85	-1.85	33.91	27.29	77.5	0.360	1449.1
265.0	-1.85	-1.85	33.91	27.29	77.5	0.367	1449.3
270.0	-1.85	-1.85	33.91	27.29	77.5	0.374	1449.5
275.0	-1.85	-1.85	33.91	27.29	77.5	0.381	1449.7
280.0	-1.85	-1.85	33.91	27.29	77.5	0.388	1449.9
285.0	-1.85	-1.85	33.91	27.29	77.5	0.395	1450.1
290.0	-1.85	-1.85	33.91	27.29	77.5	0.402	1450.3
295.0	-1.85	-1.85	33.91	27.29	77.5	0.409	1450.5
300.0	-1.85	-1.85	33.91	27.29	77.5	0.416	1450.7
305.0	-1.85	-1.85	33.91	27.29	77.5	0.423	1450.9
310.0	-1.85	-1.85	33.91	27.29	77.5	0.430	1451.1
315.0	-1.85	-1.85	33.91	27.29	77.5	0.437	1451.3
320.0	-1.85	-1.85	33.91	27.29	77.5	0.444	1451.5
325.0	-1.85	-1.85	33.91	27.29	77.5	0.451	1451.7
330.0	-1.85	-1.85	33.91	27.29	77.5	0.458	1451.9
335.0	-1.85	-1.85	33.91	27.29	77.5	0.465	1452.1
340.0	-1.85	-1.85	33.91	27.29	77.5	0.472	1452.3
345.0	-1.85	-1.85	33.91	27.29	77.5	0.479	1452.5
350.0	-1.85	-1.85	33.91	27.29	77.5	0.486	1452.7
355.0	-1.85	-1.85	33.91	27.29	77.5	0.493	1452.9
360.0	-1.85	-1.85	33.91	27.29	77.5	0.500	1453.1
365.0	-1.85	-1.85	33.91	27.29	77.5	0.507	1453.3
370.0	-1.85	-1.85	33.91	27.29	77.5	0.514	1453.5
375.0	-1.85	-1.85	33.91	27.29	77.5	0.521	1453.7
380.0	-1.85	-1.85	33.91	27.29	77.5	0.528	1453.9
385.0	-1.85	-1.85	33.91	27.29	77.5	0.535	1454.1
390.0	-1.85	-1.85	33.91	27.29	77.5	0.542	1454.3
395.0	-1.85	-1.85	33.91	27.29	77.5	0.549	1454.5
400.0	-1.85	-1.85	33.91	27.29	77.5	0.556	1454.7
405.0	-1.85	-1.85	33.91	27.29	77.5	0.563	1454.9
410.0	-1.85	-1.85	33.91	27.29	77.5	0.570	1455.1
415.0	-1.85	-1.85	33.91	27.29	77.5	0.577	1455.3
420.0	-1.85	-1.85	33.91	27.29	77.5	0.584	1455.5
425.0	-1.85	-1.85	33.91	27.29	77.5	0.591	1455.7
430.0	-1.85	-1.85	33.91	27.29	77.5	0.598	1455.9
435.0	-1.85	-1.85	33.91	27.29	77.5	0.605	1456.1
440.0	-1.85	-1.85	33.91	27.29	77.5	0.612	1456.3
445.0	-1.85	-1.85	33.91	27.29	77.5	0.619	1456.5
450.0	-1.85	-1.85	33.91	27.29	77.5	0.626	1456.7
455.0	-1.85	-1.85	33.91	27.29	77.5	0.633	1456.9
460.0	-1.85	-1.85	33.91	27.29	77.5	0.640	1457.1
465.0	-1.85	-1.85	33.91	27.29	77.5	0.647	1457.3
470.0	-1.85	-1.85	33.91	27.29	77.5	0.654	1457.5
475.0	-1.85	-1.85	33.91	27.29	77.5	0.661	1457.7
480.0	-1.85	-1.85	33.91	27.29	77.5	0.668	1457.9
485.0	-1.85	-1.85	33.91	27.29	77.5	0.675	1458.1
490.0	-1.85	-1.85	33.91	27.29	77.5	0.682	1458.3
495.0	-1.85	-1.85	33.91	27.29	77.5	0.689	1458.5
500.0	-1.85	-1.85	33.91	27.29	77.5	0.696	1458.7

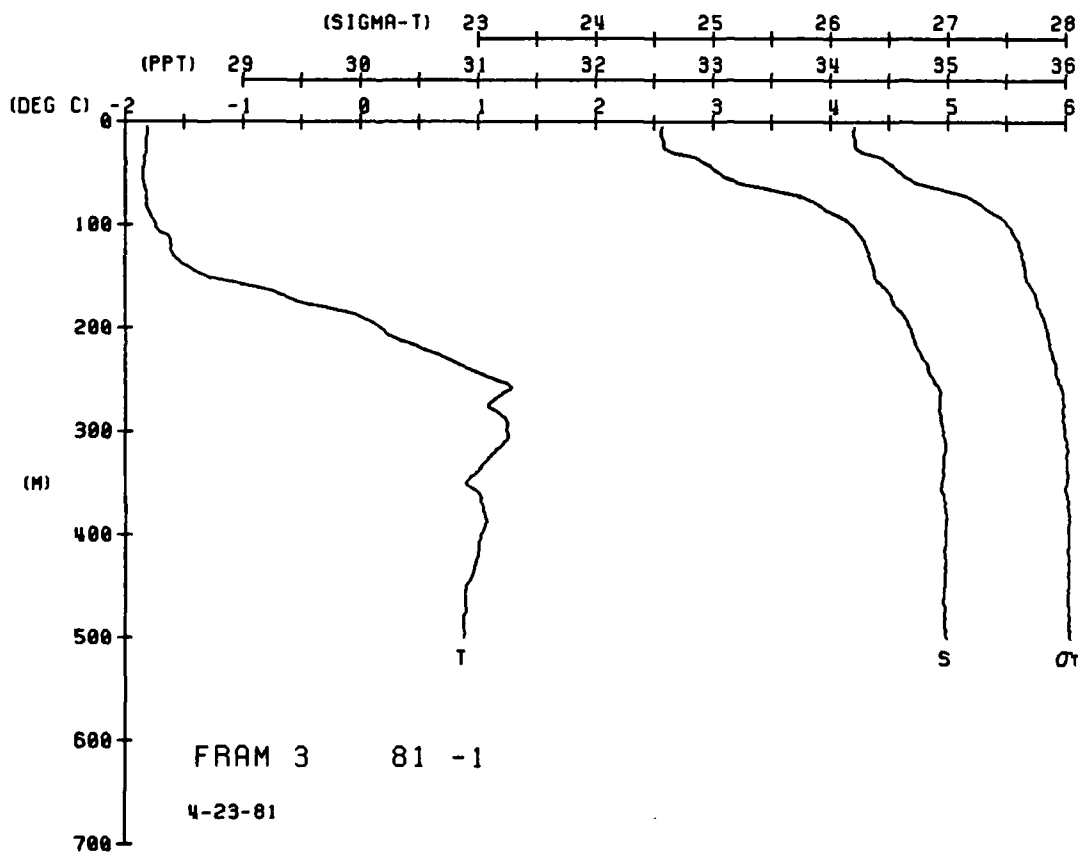
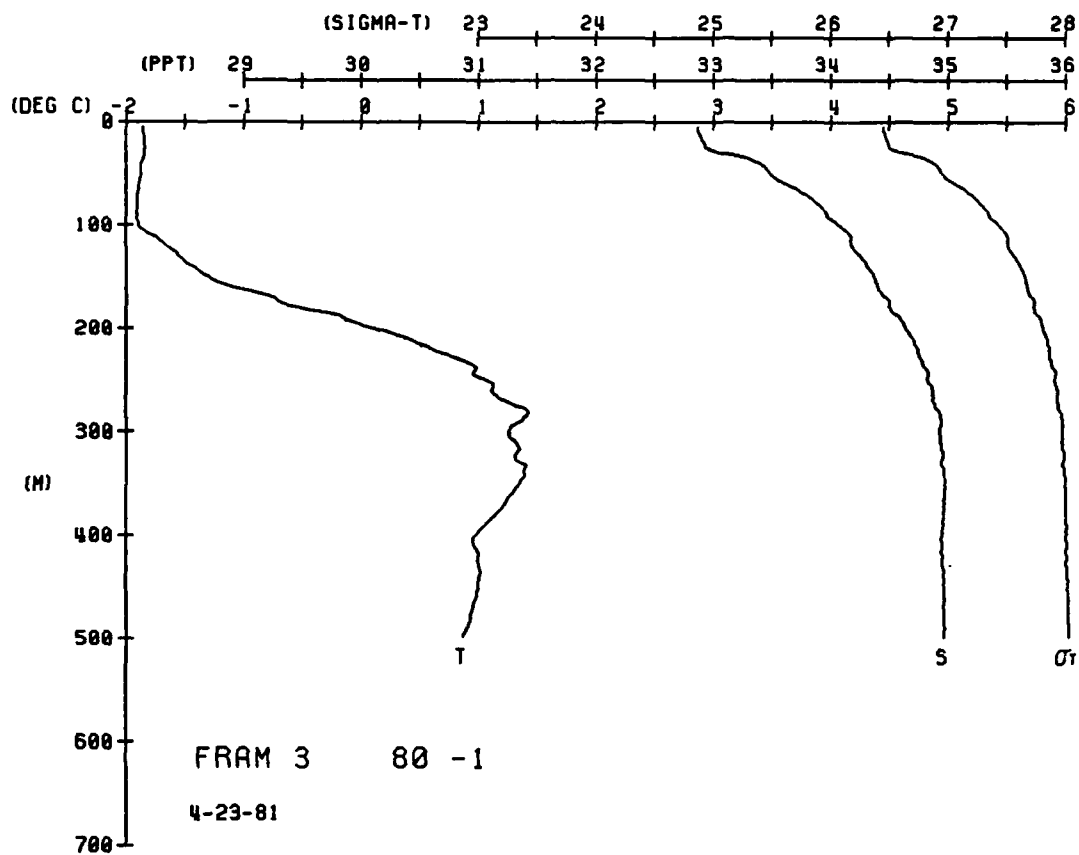
FRAM 3 STATION 78(1) CTD 23/APR/1981 1431 GMT CODE = 5
LAT = 42.831N LONG = 6.1583E LTER = 30.0 UGR = 30.0
AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYNHI	SOUND
0.0	-1.82	-1.82	33.23	26.74	129.1	0.000	1438.3
4.0	-1.82	-1.82	33.23	26.74	129.1	0.005	1438.4
10.0	-1.82	-1.82	33.23	26.74	129.1	0.013	1438.5
15.0	-1.82	-1.82	33.23	26.74	129.1	0.020	1438.6
20.0	-1.82	-1.82	33.23	26.74	129.1	0.028	1438.7
25.0	-1.82	-1.82	33.23	26.74	129.1	0.035	1438.9
30.0	-1.82	-1.82	33.23	26.74	129.1	0.042	1439.0
35.0	-1.82	-1.82	33.23	26.74	129.1	0.050	1439.1
40.0	-1.82	-1.82	33.23	26.74	129.1	0.057	1439.2
45.0	-1.82	-1.82	33.23	26.74	129.1	0.065	1439.3
50.0	-1.82	-1.82	33.23	26.74	129.1	0.072	1439.4
55.0	-1.82	-1.82	33.23	26.74	129.1	0.080	1439.5
60.0	-1.82	-1.82	33.23	26.74	129.1	0.087	1439.6
65.0	-1.82	-1.82	33.23	26.74	129.1	0.095	1439.7
70.0	-1.82	-1.82	33.23	26.74	129.1	0.102	1439.8
75.0	-1.82	-1.82	33.23	26.74	129.1	0.110	1439.9
80.0	-1.82	-1.82	33.23	26.74	129.1	0.117	1440.0
85.0	-1.82	-1.82	33.23	26.74	129.1	0.125	1440.1
90.0	-1.82	-1.82	33.23	26.74	129.1	0.132	1440.2
95.0	-1.82	-1.82	33.23	26.74	129.1	0.140	1440.3
100.0	-1.82	-1.82	33.23	26.74	129.1	0.147	1440.4
105.0	-1.82	-1.82	33.23	26.74	129.1	0.155	1440.5
110.0	-1.82	-1.82	33.23	26.74	129.1	0.162	1440.6
115.0	-1.82	-1.82	33.23	26.74	129.1	0.170	1440.7
120.0	-1.82	-1.82	33.23	26.74	129.1	0.177	1440.8
125.0	-1.82	-1.82	33.23	26.74	129.1	0.185	1440.9
130.0	-1.82	-1.82	33.23	26.74	129.1	0.192	1441.0
135.0	-1.82	-1.82	33.23	26.74	129.1	0.200	1441.1
140.0	-1.82	-1.82	33.23	26.74	129.1	0.207	1441.2
145.0	-1.82	-1.82	33.23	26.74	129.1	0.215	1441.3
150.0	-1.82	-1.82	33.23	26.74	129.1	0.222	1441.4
155.0	-1.82	-1.82	33.23	26.74	129.1	0.230	1441.5
160.0	-1.82	-1.82	33.23	26.74	129.1	0.237	1441.6
165.0	-1.82	-1.82	33.23	26.74	129.1	0.245	1441.7
170.0	-1.82	-1.82	33.23	26.74	129.1	0.252	1441.8
175.0	-1.82	-1.82	33.23	26.74	129.1	0.260	1441.9
180.0	-1.82	-1.82	33.23	26.74	129.1	0.267	1442.0
185.0	-1.82	-1.82	33.23	26.74	129.1	0.275	1442.1
190.0	-1.82	-1.82	33.23	26.74	129.1	0.282	1442.2
195.0	-1.82	-1.82	33.23	26.74	129.1	0.290	1442.3
200.0	-1.82	-1.82	33.23	26.74	129.1	0.297	1442.4
205.0	-1.82	-1.82	33.23	26.74	129.1	0.305	1442.5
210.0	-1.82	-1.82	33.23	26.74	129.1	0.312	1442.6
215.0	-1.82	-1.82	33.23	26.74	129.1	0.320	1442.7
220.0	-1.82	-1.82	33.23	26.74	12		



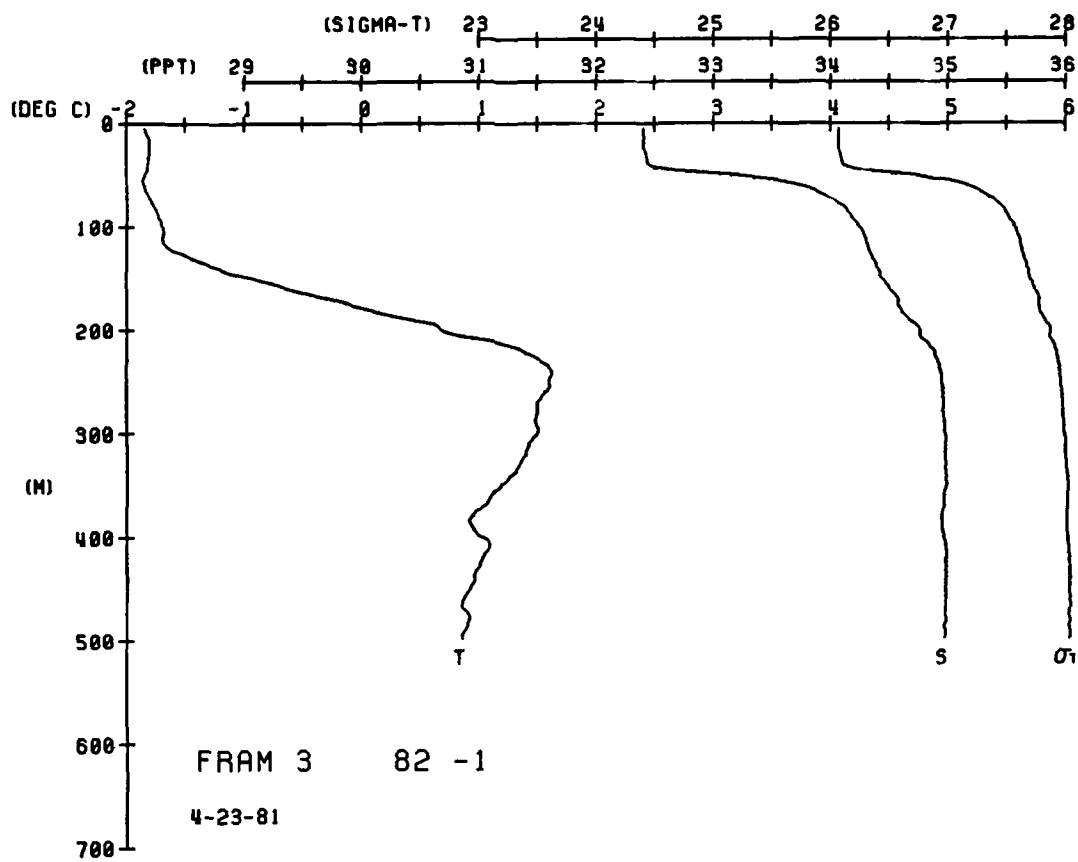
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYMH1	SOUND	UPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYMH1	SOUND
0.9	1.86	-1.86	33.89	27.28	78.2	0.000	1439.1	710.0	0.72	0.67	34.96	28.03	8.7	0.157	1464.3
0.9	1.86	-1.86	33.89	27.28	78.2	0.004	1439.2	740.0	0.50	0.47	34.95	28.04	7.6	0.167	1463.4
1.5	1.86	-1.86	33.90	27.29	77.4	0.006	1439.3	840.0	0.23	0.16	34.96	28.06	6.9	0.170	1463.1
2.3	1.86	-1.86	33.90	27.29	76.7	0.012	1439.5	890.0	0.19	-0.03	34.94	28.07	6.3	0.175	1463.2
3.0	1.87	-1.87	33.91	27.31	74.4	0.020	1439.7	940.0	0.32	-0.27	34.93	28.08	5.7	0.179	1463.4
3.5	1.87	-1.87	33.91	27.31	73.4	0.023	1439.8	990.0	0.43	-0.41	34.93	28.09	5.2	0.181	1464.0
4.0	1.87	-1.87	34.01	27.37	69.2	0.027	1439.9	1090.0	0.45	-0.44	34.94	28.10	4.6	0.181	1465.3
4.5	1.88	-1.88	34.10	27.45	61.5	0.030	1440.2	1140.0	0.51	-0.50	34.94	28.11	3.9	0.181	1465.5
5.0	1.88	-1.88	34.19	27.51	57.8	0.036	1440.7	1190.0	0.67	-0.67	34.94	28.11	3.1	0.181	1467.1
5.5	1.89	-1.89	34.22	27.52	55.1	0.039	1440.6	1240.0	0.65	-0.71	34.95	28.10	2.7	0.181	1468.7
6.0	1.89	-1.89	34.23	27.55	52.5	0.042	1440.8	1340.0	0.65	-0.71	34.94	28.10	2.4	0.180	1469.4
6.5	1.89	-1.89	34.23	27.55	52.5	0.047	1441.0	1390.0	0.71	-0.77	34.94	28.09	2.1	0.179	1470.1
7.0	1.89	-1.89	34.23	27.55	51.0	0.050	1441.2	1490.0	0.73	-0.79	34.94	28.09	1.7	0.177	1470.9
8.0	1.89	-1.89	34.23	27.55	50.7	0.052	1441.4	1590.0	0.75	-0.81	34.94	28.10	1.4	0.177	1471.4
8.5	1.77	-1.77	34.23	27.55	50.7	0.057	1441.5	1640.0	0.86	-0.90	34.94	28.10	1.2	0.175	1472.9
9.0	1.77	-1.77	34.23	27.57	50.5	0.060	1441.8	1690.0	0.87	-0.95	34.93	28.10	1.1	0.173	1473.4
10.0	1.77	-1.77	34.23	27.57	48.2	0.062	1442.4	1740.0	0.88	-0.97	34.94	28.10	1.0	0.173	1474.4
11.0	1.77	-1.77	34.23	27.57	43.9	0.067	1447.4	1790.0	0.80	-0.97	34.93	28.10	0.9	0.170	1475.2
12.0	1.77	-1.77	34.23	27.72	35.8	0.071	1447.4	1840.0	0.89	-0.98	34.94	28.10	0.8	0.166	1476.1
13.0	1.77	-1.77	34.23	27.81	26.4	0.074	1451.4	1890.0	0.91	-1.00	34.94	28.10	0.7	0.162	1477.5
14.0	1.77	-1.77	34.23	27.83	24.5	0.080	1454.3	1940.0	0.92	-1.01	34.93	28.10	0.6	0.162	1478.5
15.0	1.77	-1.77	34.23	27.85	24.5	0.085	1455.4	2040.0	0.93	-1.02	34.94	28.10	0.5	0.158	1480.1
16.0	1.77	-1.77	34.23	27.85	22.0	0.085	1455.4	2090.0	0.93	-1.02	34.94	28.10	0.4	0.154	1482.0
17.0	1.77	-1.77	34.23	27.89	21.3	0.089	1454.9	2140.0	0.92	-1.02	34.93	28.10	0.3	0.154	1482.9
18.0	1.77	-1.77	34.23	27.90	21.0	0.089	1461.9	2190.0	0.90	-1.02	34.94	28			



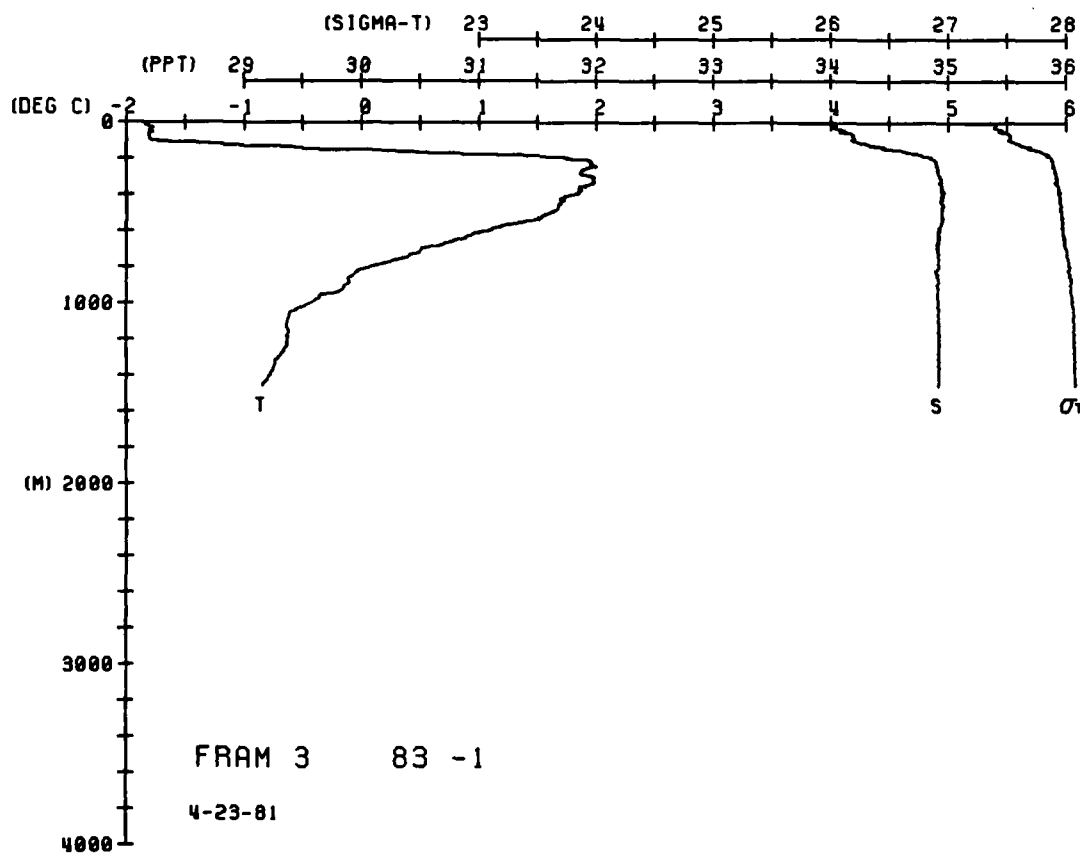
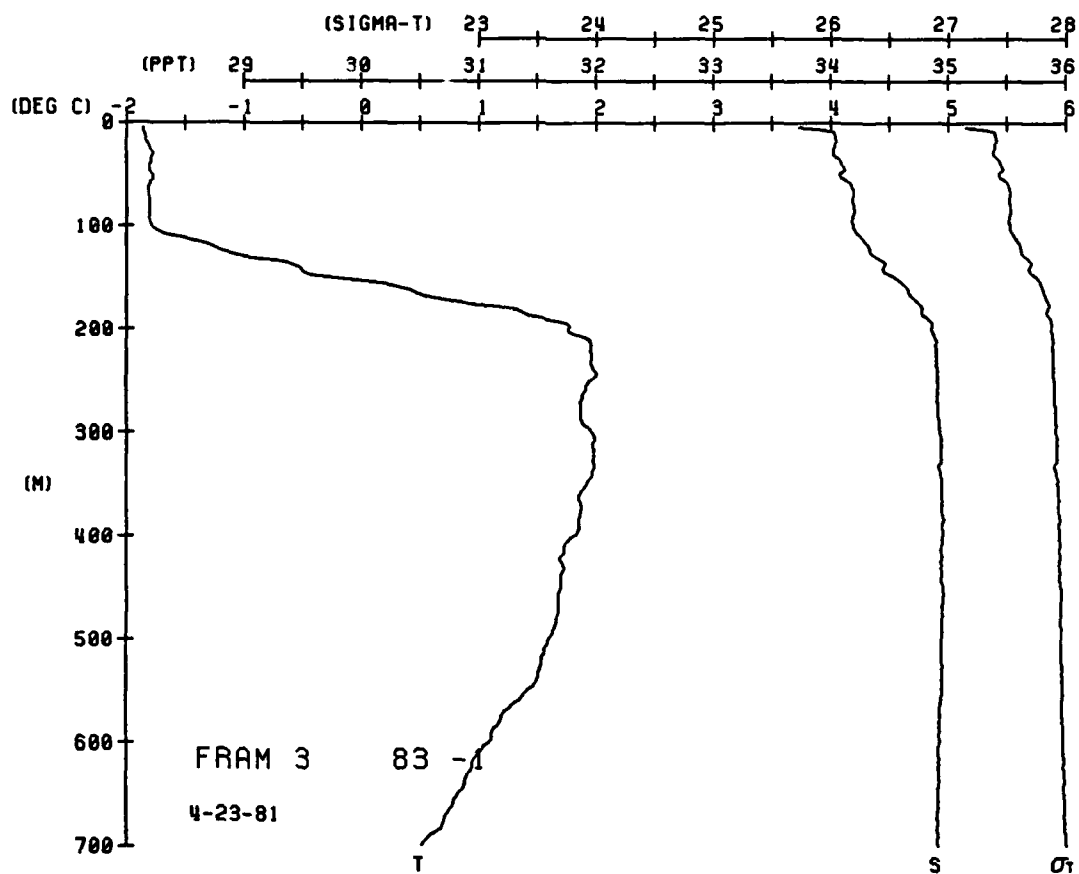


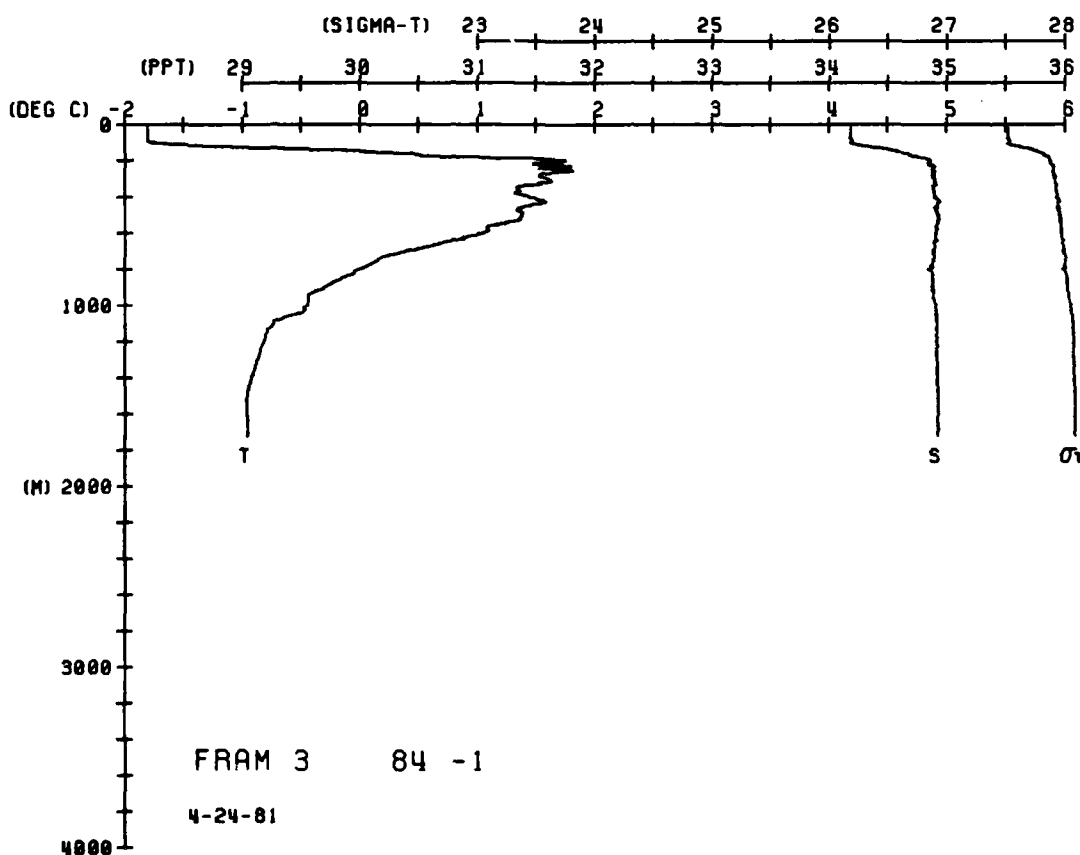
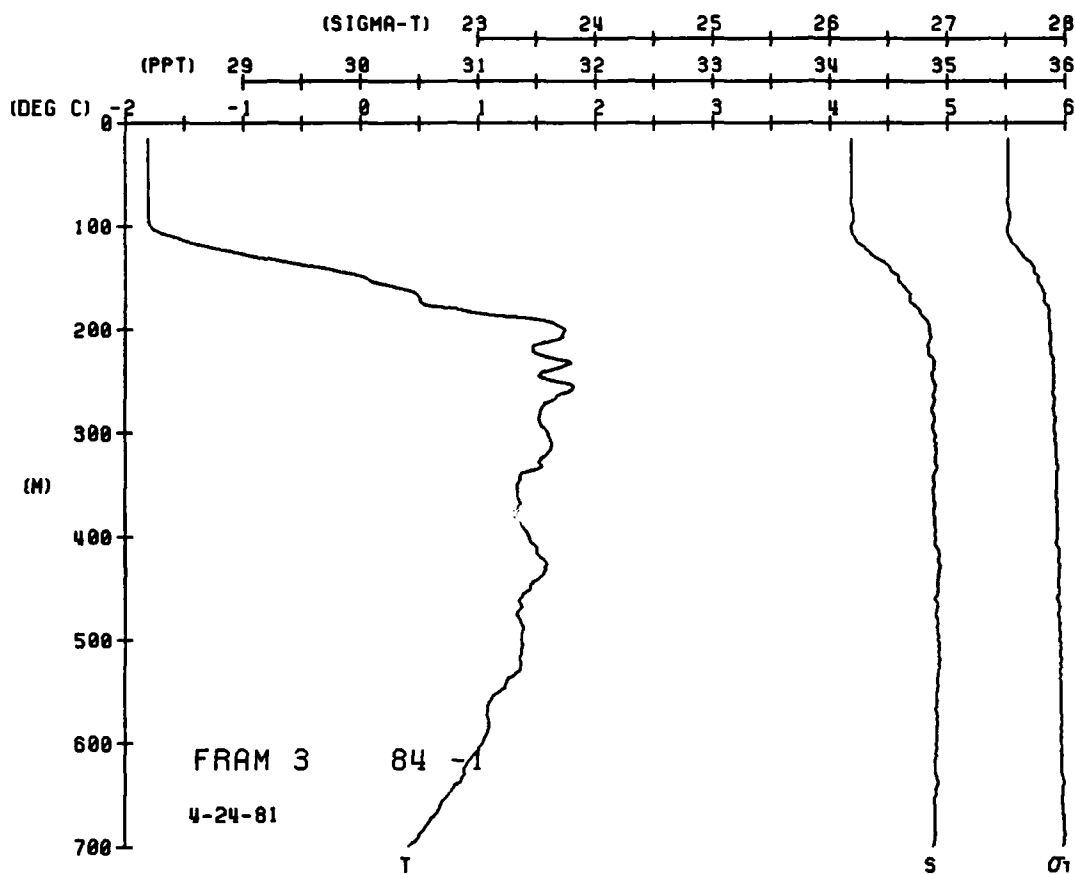
FRAM 3 STATION 82(1) CTU 23/APR/19H1 1804 GMT CODE = 5
 LAT = 83.5750N LNG = 6.0733E LTER = 300. LGEN = 300.
 AIK TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHI	SOUND
00	85	85	32.40	26.07	193.22	000	1437.0
05	85	85	32.40	26.07	193.22	000	1437.1
10	85	85	32.40	26.07	193.22	000	1437.2
15	85	85	32.40	26.07	193.22	000	1437.3
20	85	85	32.40	26.07	193.22	000	1437.4
25	85	85	32.40	26.07	193.22	000	1437.5
30	85	85	32.40	26.07	193.22	000	1437.6
35	85	85	32.40	26.07	193.22	000	1437.7
40	85	85	32.40	26.07	193.22	000	1437.8
45	85	85	32.40	26.07	193.22	000	1437.9
50	85	85	32.40	26.07	193.22	000	1438.0
55	85	85	32.40	26.07	193.22	000	1438.1
60	85	85	32.40	26.07	193.22	000	1438.2
65	85	85	32.40	26.07	193.22	000	1438.3
70	85	85	32.40	26.07	193.22	000	1438.4
75	85	85	32.40	26.07	193.22	000	1438.5
80	85	85	32.40	26.07	193.22	000	1438.6
85	85	85	32.40	26.07	193.22	000	1438.7
90	85	85	32.40	26.07	193.22	000	1438.8
95	85	85	32.40	26.07	193.22	000	1438.9
100	85	85	32.40	26.07	193.22	000	1439.0
105	85	85	32.40	26.07	193.22	000	1439.1
110	85	85	32.40	26.07	193.22	000	1439.2
115	85	85	32.40	26.07	193.22	000	1439.3
120	85	85	32.40	26.07	193.22	000	1439.4
125	85	85	32.40	26.07	193.22	000	1439.5
130	85	85	32.40	26.07	193.22	000	1439.6
135	85	85	32.40	26.07	193.22	000	1439.7
140	85	85	32.40	26.07	193.22	000	1439.8
145	85	85	32.40	26.07	193.22	000	1439.9
150	85	85	32.40	26.07	193.22	000	1440.0
155	85	85	32.40	26.07	193.22	000	1440.1
160	85	85	32.40	26.07	193.22	000	1440.2
165	85	85	32.40	26.07	193.22	000	1440.3
170	85	85	32.40	26.07	193.22	000	1440.4
175	85	85	32.40	26.07	193.22	000	1440.5
180	85	85	32.40	26.07	193.22	000	1440.6
185	85	85	32.40	26.07	193.22	000	1440.7
190	85	85	32.40	26.07	193.22	000	1440.8
195	85	85	32.40	26.07	193.22	000	1440.9
200	85	85	32.40	26.07	193.22	000	1441.0
205	85	85	32.40	26.07	193.22	000	1441.1
210	85	85	32.40	26.07	193.22	000	1441.2
215	85	85	32.40	26.07	193.22	000	1441.3
220	85	85	32.40	26.07	193.22	000	1441.4
225	85	85	32.40	26.07	193.22	000	1441.5
230	85	85	32.40	26.07	193.22	000	1441.6
235	85	85	32.40	26.07	193.22	000	1441.7
240	85	85	32.40	26.07	193.22	000	1441.8
245	85	85	32.40	26.07	193.22	000	1441.9
250	85	85	32.40	26.07	193.22	000	1442.0
255	85	85	32.40	26.07	193.22	000	1442.1
260	85	85	32.40	26.07	193.22	000	1442.2
265	85	85	32.40	26.07	193.22	000	1442.3
270	85	85	32.40	26.07	193.22	000	1442.4
275	85	85	32.40	26.07	193.22	000	1442.5
280	85	85	32.40	26.07	193.22	000	1442.6
285	85	85	32.40	26.07	193.22	000	1442.7
290	85	85	32.40	26.07	193.22	000	1442.8
295	85	85	32.40	26.07	193.22	000	1442.9
300	85	85	32.40	26.07	193.22	000	1443.0
305	85	85	32.40	26.07	193.22	000	1443.1
310	85	85	32.40	26.07	193.22	000	1443.2
315	85	85	32.40	26.07	193.22	000	1443.3
320	85	85	32.40	26.07	193.22	000	1443.4
325	85	85	32.40	26.07	193.22	000	1443.5
330	85	85	32.40	26.07	193.22	000	1443.6
335	85	85	32.40	26.07	193.22	000	1443.7
340	85	85	32.40	26.07	193.22	000	1443.8
345	85	85	32.40	26.07	193.22	000	1443.9
350	85	85	32.40	26.07	193.22	000	1444.0
355	85	85	32.40	26.07	193.22	000	1444.1
360	85	85	32.40	26.07	193.22	000	1444.2
365	85	85	32.40	26.07	193.22	000	1444.3
370	85	85	32.40	26.07	193.22	000	1444.4
375	85	85	32.40	26.07	193.22	000	1444.5
380	85	85	32.40	26.07	193.22	000	1444.6
385	85	85	32.40	26.07	193.22	000	1444.7
390	85	85	32.40	26.07	193.22	000	1444.8
395	85	85	32.40	26.07	193.22	000	1444.9
400	85	85	32.40	26.07	193.22	000	1445.0
405	85	85	32.40	26.07	193.22	000	1445.1
410	85	85	32.40	26.07	193.22	000	1445.2
415	85	85	32.40	26.07	193.22	000	1445.3
420	85	85	32.40	26.07	193.22	000	1445.4
425	85	85	32.40	26.07	193.22	000	1445.5
430	85	85	32.40	26.07	193.22	000	1445.6
435	85	85	32.40	26.07	193.22	000	1445.7
440	85	85	32.40	26.07	193.22	000	1445.8
445	85	85	32.40	26.07	193.22	000	1445.9
450	85	85	32.40	26.07	193.22	000	1446.0
455	85	85	32.40	26.07	193.22	000	1446.1
460	85	85	32.40	26.07	193.22	000	1446.2
465	85	85	32.40	26.07	193.22	000	1446.3
470	85	85	32.40	26.07	193.22	000	1446.4
475	85	85	32.40	26.07	193.22	000	1446.5
480	85	85	32.40	26.07	193.22	000	1446.6
485	85	85	32.40	26.07	193.22	000	1446.7
490	85	85	32.40	26.07	193.22	000	1446.8
495	85	85	32.40	26.07	193.22	000	1446.9
500	85	85	32.40	26.07	193.22	000	1447.0



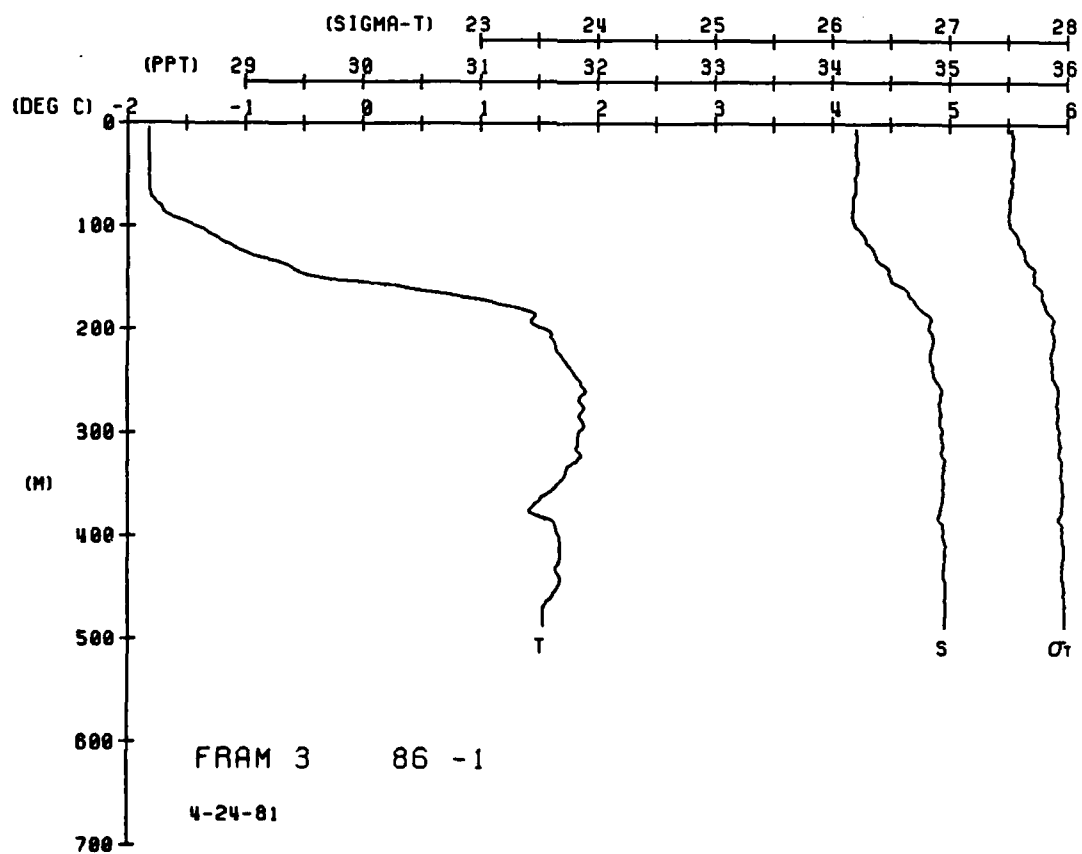
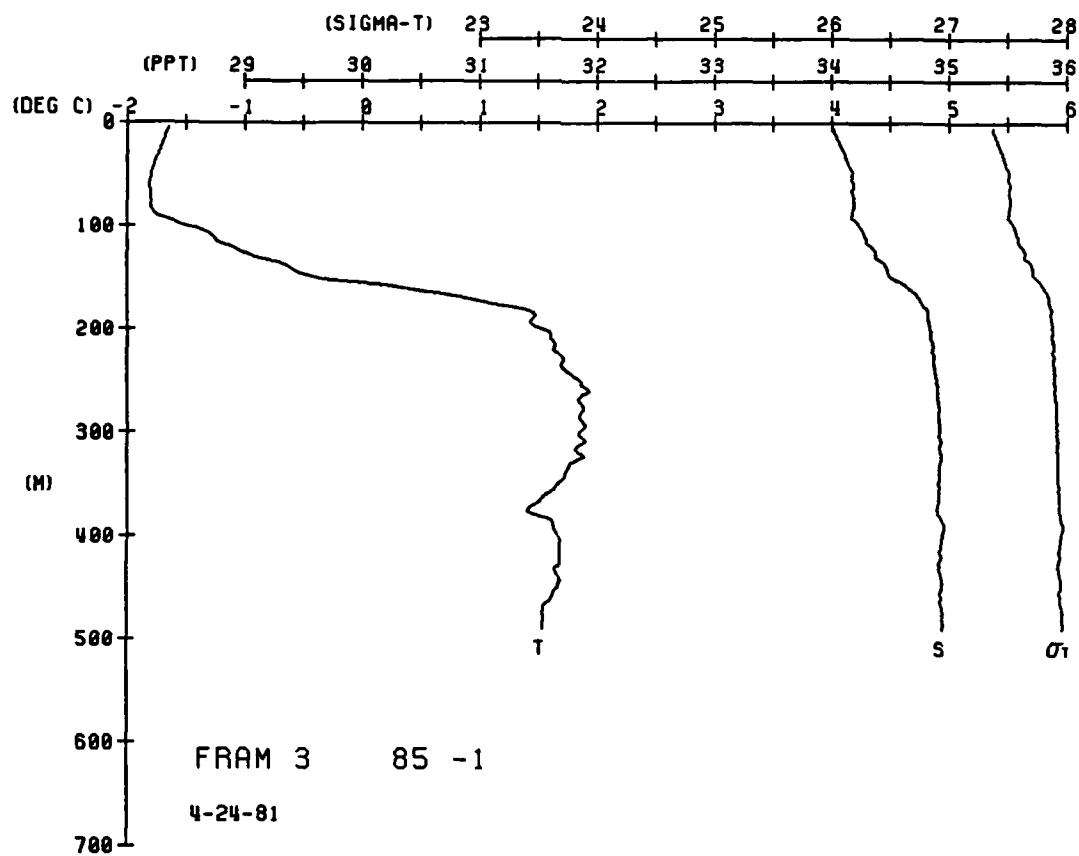
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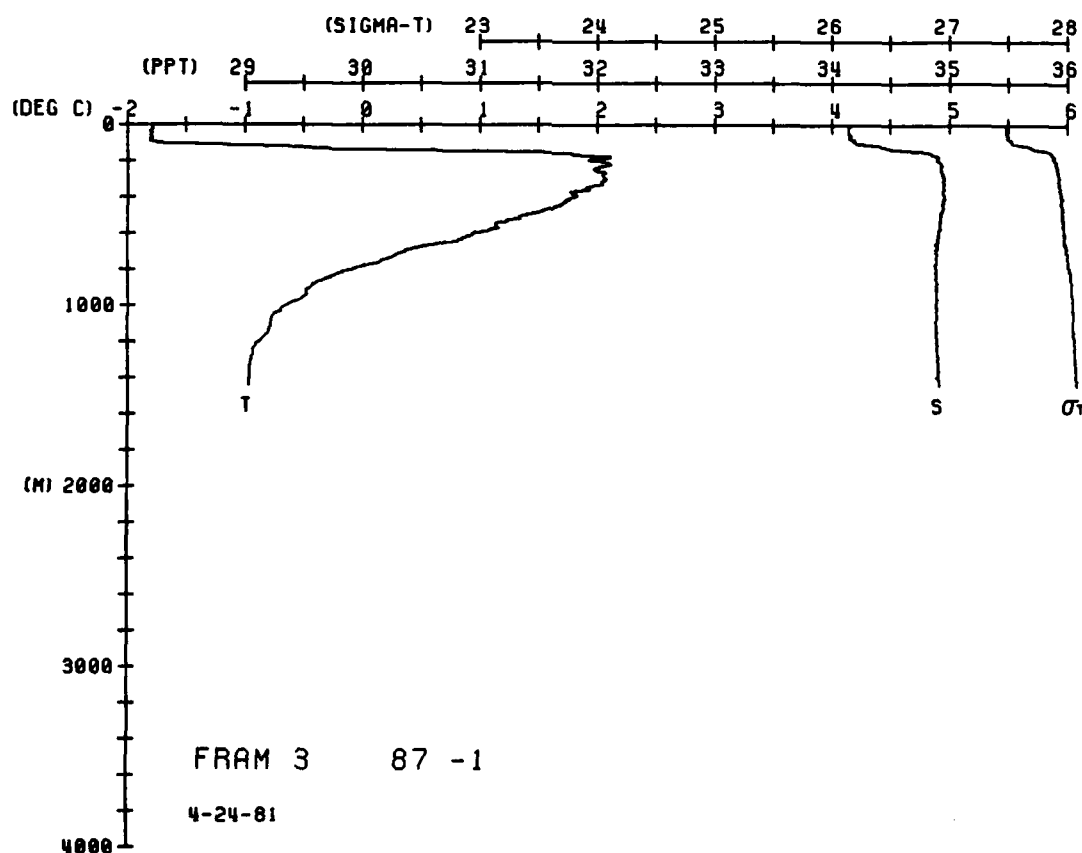
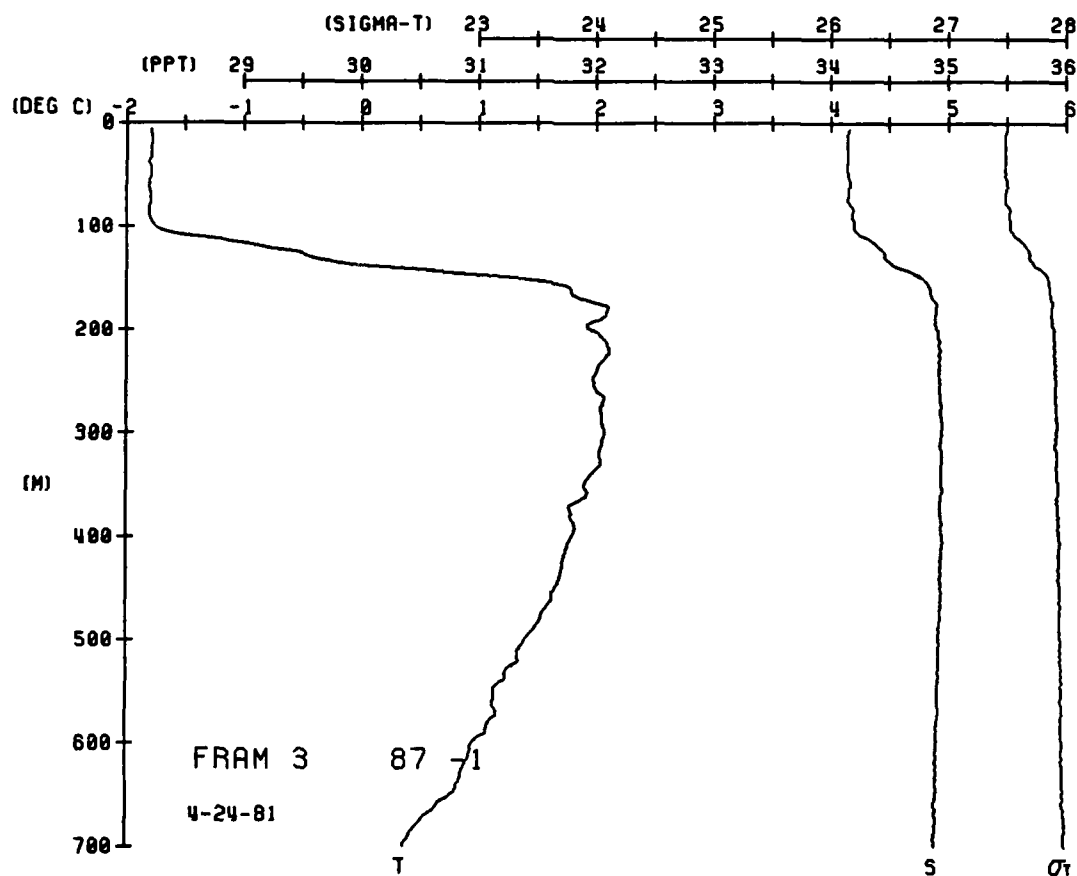




FRAM 3 STATION 85(1) CTU 24/APR/1981 1113 GMT CODE = 5
LAT = 82.2430N LNG = 6.0677E LTER = 30.
AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHNT	SOUND
0	1.64	1.64	34.01	27.37	8	000	1440.33
5	1.65	1.65	34.01	27.37	9	000	1440.33
10	1.66	1.66	34.00	27.37	9	000	1440.33
15	1.67	1.67	34.00	27.37	9	000	1440.33
20	1.68	1.68	34.00	27.37	9	000	1440.33
25	1.69	1.69	34.00	27.37	9	000	1440.33
30	1.70	1.70	34.00	27.37	9	000	1440.33
35	1.71	1.71	34.00	27.37	9	000	1440.33
40	1.72	1.72	34.00	27.37	9	000	1440.33
45	1.73	1.73	34.00	27.37	9	000	1440.33
50	1.74	1.74	34.00	27.37	9	000	1440.33
55	1.75	1.75	34.00	27.37	9	000	1440.33
60	1.76	1.76	34.00	27.37	9	000	1440.33
65	1.77	1.77	34.00	27.37	9	000	1440.33
70	1.78	1.78	34.00	27.37	9	000	1440.33
75	1.79	1.79	34.00	27.37	9	000	1440.33
80	1.80	1.80	34.00	27.37	9	000	1440.33
85	1.81	1.81	34.00	27.37	9	000	1440.33
90	1.82	1.82	34.00	27.37	9	000	1440.33
95	1.83	1.83	34.00	27.37	9	000	1440.33
100	1.84	1.84	34.00	27.37	9	000	1440.33
105	1.85	1.85	34.00	27.37	9	000	1440.33
110	1.86	1.86	34.00	27.37	9	000	1440.33
115	1.87	1.87	34.00	27.37	9	000	1440.33
120	1.88	1.88	34.00	27.37	9	000	1440.33
125	1.89	1.89	34.00	27.37	9	000	1440.33
130	1.90	1.90	34.00	27.37	9	000	1440.33
135	1.91	1.91	34.00	27.37	9	000	1440.33
140	1.92	1.92	34.00	27.37	9	000	1440.33
145	1.93	1.93	34.00	27.37	9	000	1440.33
150	1.94	1.94	34.00	27.37	9	000	1440.33
155	1.95	1.95	34.00	27.37	9	000	1440.33
160	1.96	1.96	34.00	27.37	9	000	1440.33
165	1.97	1.97	34.00	27.37	9	000	1440.33
170	1.98	1.98	34.00	27.37	9	000	1440.33
175	1.99	1.99	34.00	27.37	9	000	1440.33
180	2.00	2.00	34.00	27.37	9	000	1440.33
185	2.01	2.01	34.00	27.37	9	000	1440.33
190	2.02	2.02	34.00	27.37	9	000	1440.33
195	2.03	2.03	34.00	27.37	9	000	1440.33
200	2.04	2.04	34.00	27.37	9	000	1440.33
205	2.05	2.05	34.00	27.37	9	000	1440.33
210	2.06	2.06	34.00	27.37	9	000	1440.33
215	2.07	2.07	34.00	27.37	9	000	1440.33
220	2.08	2.08	34.00	27.37	9	000	1440.33
225	2.09	2.09	34.00	27.37	9	000	1440.33
230	2.10	2.10	34.00	27.37	9	000	1440.33
235	2.11	2.11	34.00	27.37	9	000	1440.33
240	2.12	2.12	34.00	27.37	9	000	1440.33
245	2.13	2.13	34.00	27.37	9	000	1440.33
250	2.14	2.14	34.00	27.37	9	000	1440.33
255	2.15	2.15	34.00	27.37	9	000	1440.33
260	2.16	2.16	34.00	27.37	9	000	1440.33
265	2.17	2.17	34.00	27.37	9	000	1440.33
270	2.18	2.18	34.00	27.37	9	000	1440.33
275	2.19	2.19	34.00	27.37	9	000	1440.33
280	2.20	2.20	34.00	27.37	9	000	1440.33
285	2.21	2.21	34.00	27.37	9	000	1440.33
290	2.22	2.22	34.00	27.37	9	000	1440.33
295	2.23	2.23	34.00	27.37	9	000	1440.33
300	2.24	2.24	34.00	27.37	9	000	1440.33
305	2.25	2.25	34.00	27.37	9	000	1440.33
310	2.26	2.26	34.00	27.37	9	000	1440.33
315	2.27	2.27	34.00	27.37	9	000	1440.33
320	2.28	2.28	34.00	27.37	9	000	1440.33
325	2.29	2.29	34.00	27.37	9	000	1440.33
330	2.30	2.30	34.00	27.37	9	000	1440.33
335	2.31	2.31	34.00	27.37	9	000	1440.33
340	2.32	2.32	34.00	27.37	9	000	1440.33
345	2.33	2.33	34.00	27.37	9	000	1440.33
350	2.34	2.34	34.00	27.37	9	000	1440.33
355	2.35	2.35	34.00	27.37	9	000	1440.33
360	2.36	2.36	34.00	27.37	9	000	1440.33
365	2.37	2.37	34.00	27.37	9	000	1440.33
370	2.38	2.38	34.00	27.37	9	000	1440.33
375	2.39	2.39	34.00	27.37	9	000	1440.33
380	2.40	2.40	34.00	27.37	9	000	1440.33
385	2.41	2.41	34.00	27.37	9	000	1440.33
390	2.42	2.42	34.00	27.37	9	000	1440.33
395	2.43	2.43	34.00	27.37	9	000	1440.33
400	2.44	2.44	34.00	27.37	9	000	1440.33
405	2.45	2.45	34.00	27.37	9	000	1440.33
410	2.46	2.46	34.00	27.37	9	000	1440.33
415	2.47	2.47	34.00	27.37	9	000	1440.33
420	2.48	2.48	34.00	27.37	9	000	1440.33
425	2.49	2.49	34.00	27.37	9	000	1440.33
430	2.50	2.50	34.00	27.37	9	000	1440.33
435	2.51	2.51	34.00	27.37	9	000	1440.33
440	2.52	2.52	34.00	27.37	9	000	1440.33
445	2.53	2.53	34.00	27.37	9	000	1440.33
450	2.54	2.54	34.00	27.37	9	000	1440.33
455	2.55	2.55	34.00	27.37	9	000	1440.33
460	2.56	2.56	34.00	27.37	9	000	1440.33
465	2.57	2.57	34.00	27.37	9	000	1440.33
470	2.58	2.58	34.00	27.37	9	000	1440.33
475	2.59	2.59	34.00	27.37	9	000	1440.33
480	2.60	2.60	34.00	27.37	9	000	1440.33
485	2.61	2.61	34.00	27.37	9	000	1440.33
490	2.62	2.62	34.00	27.37	9	000	1440.33
495	2.63	2.63	34.00	27.37	9	000	1440.33
500	2.64	2.64	34.00	27.37	9	000	1440.33
505	2.65	2.65	34.00	27.37	9	000	1440.33
510	2.66	2.66	34.00	27.37	9	000	1440.33
515	2.67	2.67	34.00	27.37	9	000	1440.33
520	2.68	2.68	34.00	27.37	9	000	1440.33
525	2.69	2.69	34.00	27.37	9	000	1440.33
530	2.70	2.70	34.00	27.37	9	000	1440.33
535	2.71	2.71	34.00	27.37	9	000	1440.33
540	2.72	2.72	34.00	27.37	9	000	1440.33
545	2.73	2.73	34.00	27.37	9	000	1440.33
550	2.74	2.74	34.00	27.37	9	000	1440.33
555	2.75	2.75	34.00	27.37	9	000	1440.33
560	2.76	2.76	34.00	27.37	9	000	1440.33
565	2.77	2.77	34.00	27.37	9	000	1440.33
570	2.78	2.78	34.00	27.37	9	000	1440.33
575	2.79	2.79	34.00	27.37	9	000	1440.33
580	2.80	2.80	34.00	27.37	9	000	1440.33
585	2.81	2.81	34.00	27.37	9	000	1440.33
590	2.82	2.82	34.00	27.37	9	000	1440.33
595	2.83	2.83	34.00	27.37	9	000	1440.33
600	2.84	2.84	34.00	27.37	9	000	1440.33
605	2.85	2.85	34.00	27.37	9	000	1440.33
610	2.86	2.86	34.00	27.37	9	000	1440.33
615	2.87	2.87	34.00	27.37	9	000	1440.33
620	2.88	2.88	34.00	27.37	9	000	1440.33
625	2.89	2.89	34.00	27.37	9	000	1440.33
630	2.90	2.90	34.00	27.37	9	000	1440.33
635	2.91	2.91	34.00	27.37	9	000	1440.33
640	2.92	2.92	34.00	27.37	9	000	1440.33
645	2.93	2.93	34.00	27.37	9	000	1440.33
650	2.94	2.94	34.00	27.37	9	000	1440.33
655	2.95	2.95	34.00	27.37	9	000	1440.33
660	2.96	2.96	34.00	27.37	9	000	1440.33
665	2.97	2.97	34.00	27.37	9	000	1440.33
670	2.98	2.98	34.00	27.37	9	000	1440.33
675	2.99	2.99	34.00	27.37	9	000	1440.33
680	3.00	3.00	34.00	27.37	9	000	1440.33
685	3.01	3.01	34.00	27.37	9	000	1440.33
690	3.02	3.02	34.00	27.37	9	000	1440.33
695	3.03	3.03	34.00	27.37	9	000	1440.33
700	3.04	3.04	34.00	27.37	9	000	1440.33
705	3.05	3.05	34.00	27.37	9	000	1440.33
710	3.06	3.06	34.00	27.37	9	000	1440.33
715	3.07	3.07	34.00	27.37	9	000	1440.33
720	3.08	3.08	34.00	27.37	9	000	1440.33
725	3.09	3.09	34.00	27.37	9	000	1440.33
730	3.10	3.10	34.00	27.37	9	000	1440.33
735	3.11	3.11	34.00	27.37	9	000	1440.33
740	3.12	3.12	34.00	27.37	9	000	1440.33
745	3.13	3.13	34.00	27.37	9	000	1440.33
750	3.14	3.14	34.00	27.37	9	000	1440.33
755	3.15	3.15	34.00	27.37	9	000	1440.33
760	3.16	3.16	34.00	27.37	9	000	1440.33
765	3.17	3.17	34.00	27.37	9	000	1440.33
770	3.18	3.18	34.00	27.37	9	000	1440.33
775	3.19	3.19	34.00	27.37	9	000	1440.33
780	3.20	3.20	34.00	27.37	9	000	1440.33
785	3.21	3.21	34.00	27.37	9	000	1440.33
790	3.22	3.22	34.00	27.37	9	000	1440.33
795	3.23	3.23	34.00	27.37	9	000	1440.33
800	3.24	3.24	34.00				



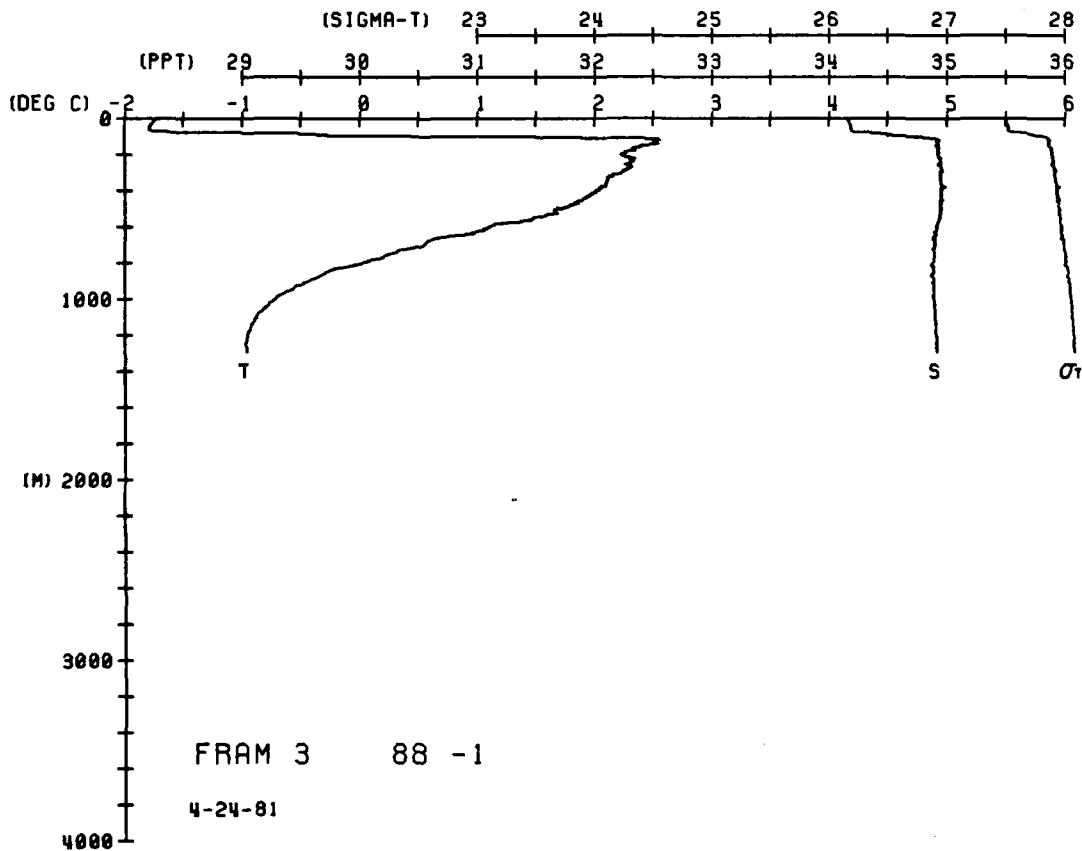
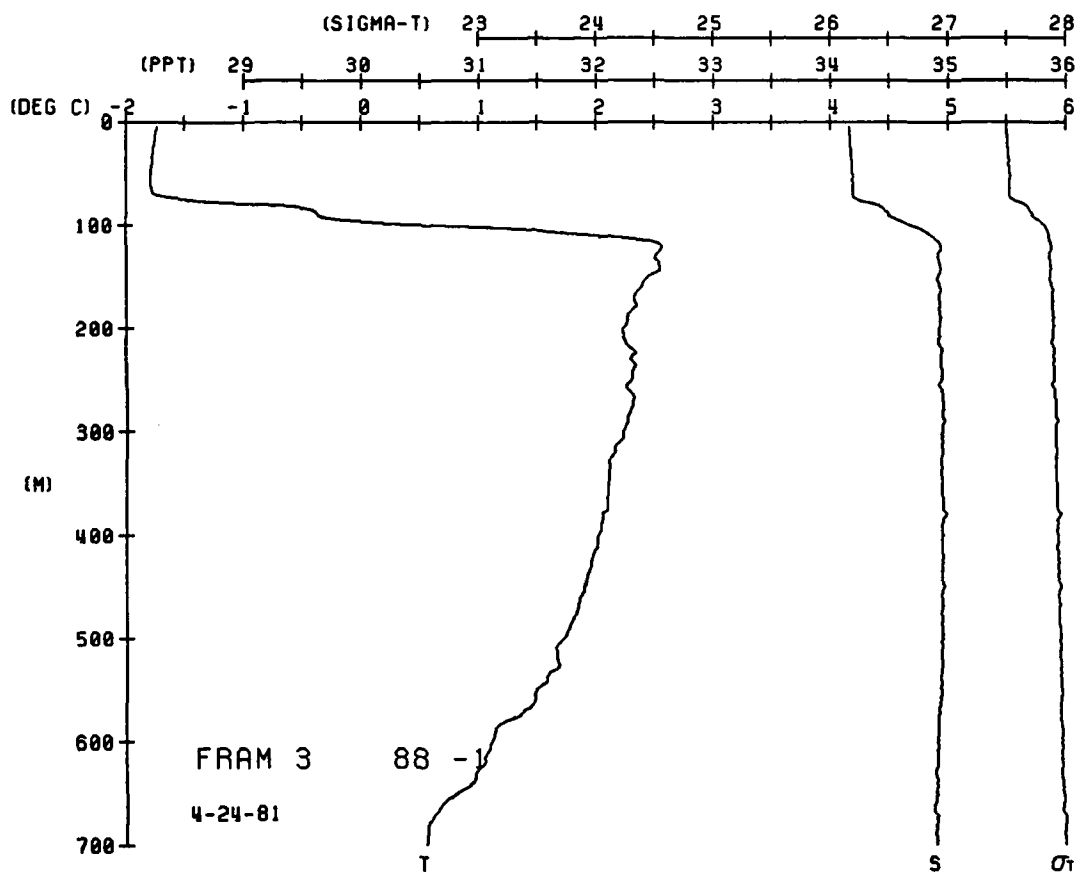


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FRAM 3 STATION 88(1) CTD 24/APR/1981 2302 GMT CODE = 5
LAT = 82.1845N LNG = 5.8833E LTER = 30. LGER = 30.
AIN TEMP = 0.0 HAKUM = 0.0 WIND = 0.0 SPEED = 0.0

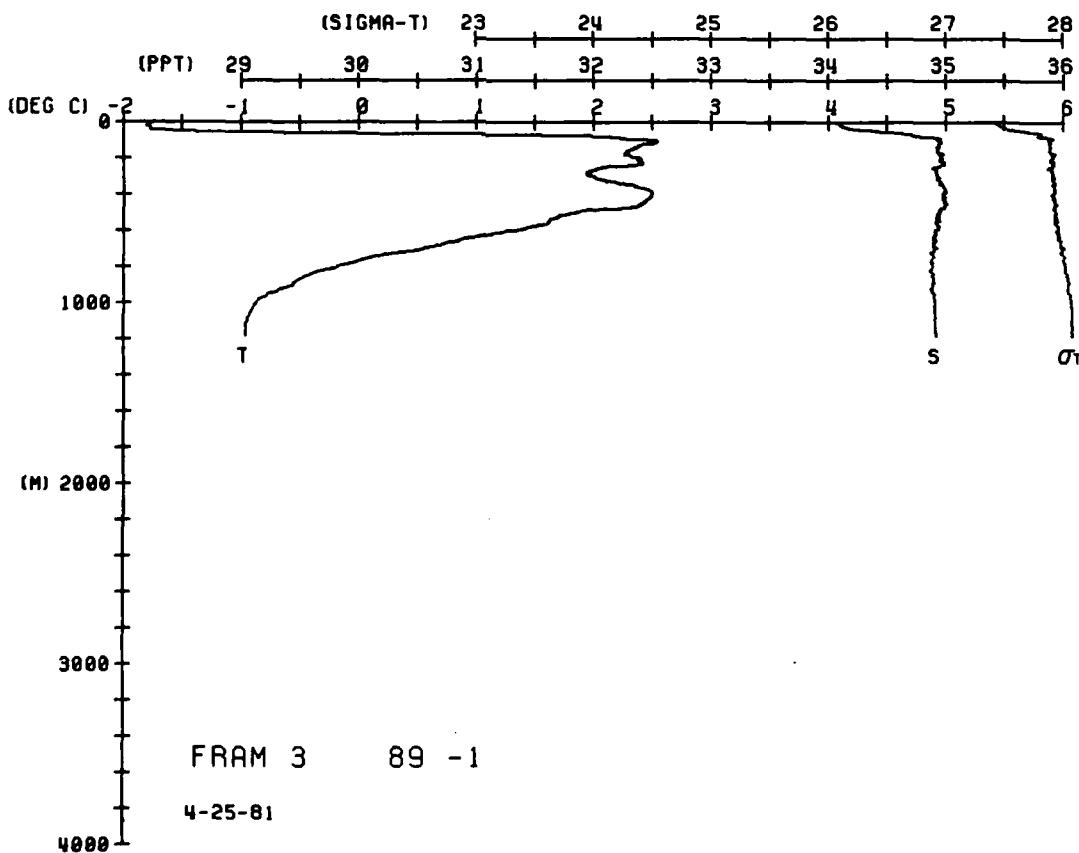
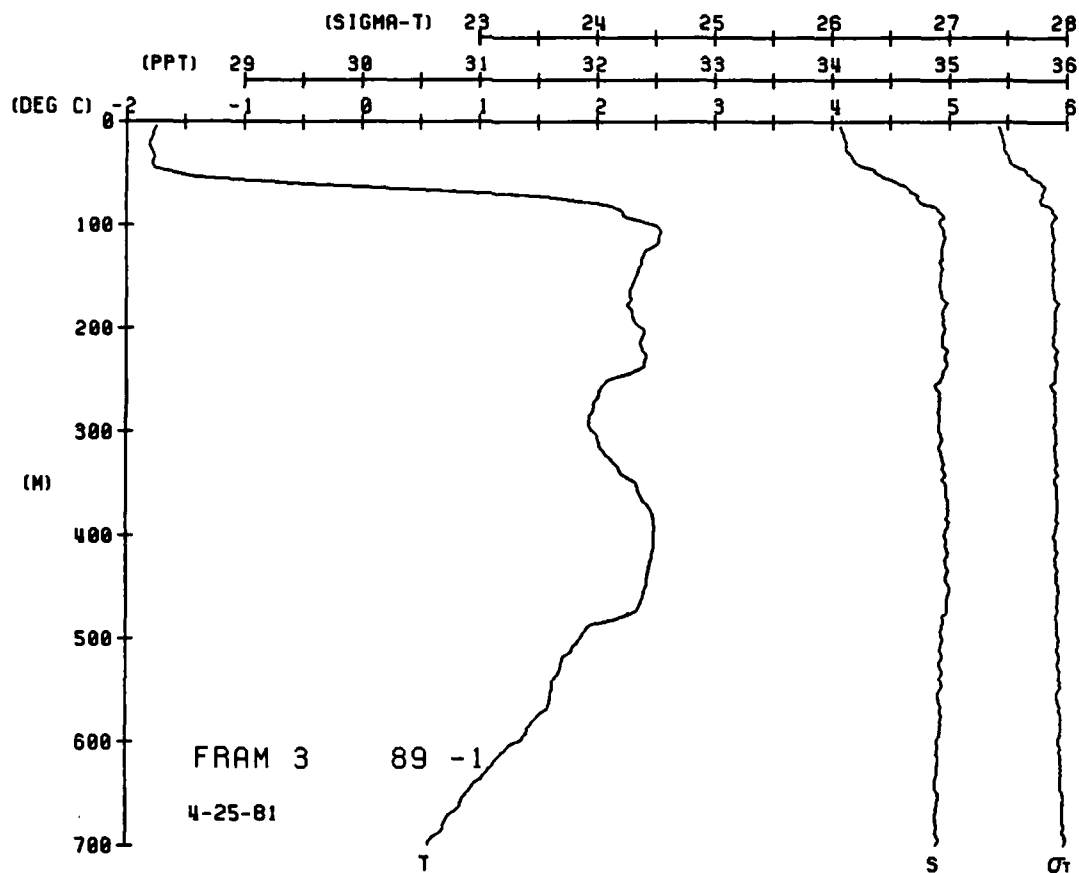
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DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SUUND
0	74	74	34.17	27.50	57.10	0.000	1440.1
45	74	74	34.17	27.50	57.19	0.002	1440.1
105	74	74	34.17	27.50	56.71	0.009	1440.2
153	74	75	34.17	27.51	56.11	0.012	1440.3
200	74	76	34.18	27.51	55.91	0.014	1440.4
250	74	77	34.18	27.52	55.73	0.017	1440.4
300	74	77	34.19	27.52	55.53	0.023	1440.5
350	74	78	34.19	27.53	55.34	0.028	1440.6
400	74	79	34.20	27.53	55.44	0.031	1440.7
450	74	79	34.20	27.53	54.65	0.034	1440.7
500	74	79	34.20	27.53	54.45	0.037	1440.8
550	74	79	34.20	27.53	54.45	0.040	1441.0
600	74	79	34.20	27.53	54.45	0.042	1441.2
650	74	79	34.20	27.53	54.45	0.044	1441.3
700	74	79	34.20	27.53	54.45	0.046	1441.3
750	74	79	34.20	27.53	54.45	0.048	1441.3
800	74	79	34.20	27.53	54.45	0.050	1441.3
850	74	79	34.20	27.53	54.45	0.052	1441.3
900	74	79	34.20	27.53	54.45	0.054	1441.3
950	74	79	34.20	27.53	54.45	0.056	1441.3
1000	74	79	34.20	27.53	54.45	0.058	1441.3
1050	74	79	34.20	27.53	54.45	0.060	1441.3
1100	74	79	34.20	27.53	54.45	0.062	1441.3
1150	74	79	34.20	27.53	54.45	0.064	1441.3
1200	74	79	34.20	27.53	54.45	0.066	1441.3
1250	74	79	34.20	27.53	54.45	0.068	1441.3
1300	74	79	34.20	27.53	54.45	0.070	1441.3
1350	74	79	34.20	27.53	54.45	0.072	1441.3
1400	74	79	34.20	27.53	54.45	0.074	1441.3
1450	74	79	34.20	27.53	54.45	0.076	1441.3
1500	74	79	34.20	27.53	54.45	0.078	1441.3
1550	74	79	34.20	27.53	54.45	0.081	1441.3
1600	74	79	34.20	27.53	54.45	0.083	1441.3
1650	74	79	34.20	27.53	54.45	0.085	1441.3
1700	74	79	34.20	27.53	54.45	0.087	1441.3
1750	74	79	34.20	27.53	54.45	0.089	1441.3
1800	74	79	34.20	27.53	54.45	0.091	1441.3
1850	74	79	34.20	27.53	54.45	0.093	1441.3
1900	74	79	34.20	27.53	54.45	0.095	1441.3
1950	74	79	34.20	27.53	54.45	0.097	1441.3
2000	74	79	34.20	27.53	54.45	0.099	1441.3
2050	74	79	34.20	27.53	54.45	0.101	1441.3
2100	74	79	34.20	27.53	54.45	0.103	1441.3
2150	74	79	34.20	27.53	54.45	0.105	1441.3
2200	74	79	34.20	27.53	54.45	0.107	1441.3
2250	74	79	34.20	27.53	54.45	0.109	1441.3
2300	74	79	34.20	27.53	54.45	0.112	1441.3
2350	74	79	34.20	27.53	54.45	0.114	1441.3
2400	74	79	34.20	27.53	54.45	0.116	1441.3
2450	74	79	34.20	27.53	54.45	0.118	1441.3
2500	74	79	34.20	27.53	54.45	0.120	1441.3
2550	74						



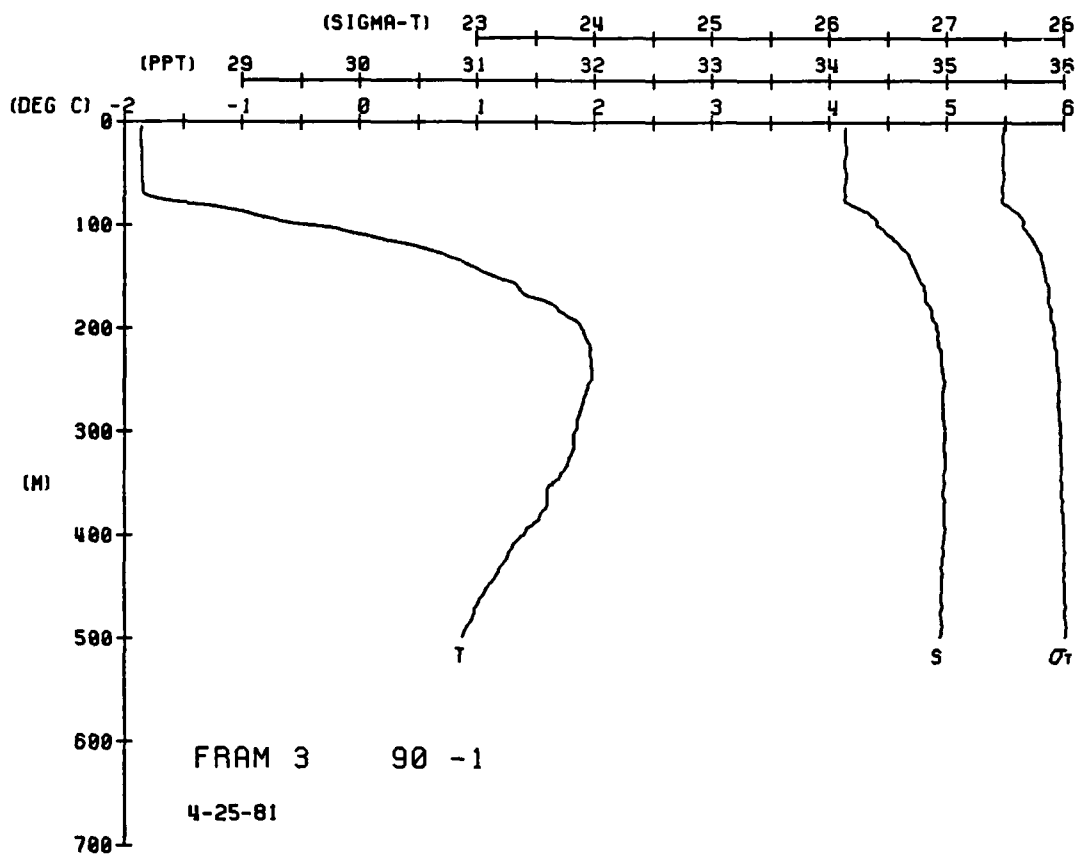
FRAM 3 STATION 89(1) CID 25/APR/1981 839 GM1 CUHF = 5
 LAT = 82.1498N LNG = 5.8805E LTR = 30. UGR = 30.
 AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.00	15.00	15.00	34.90	28.00	11.1	0.154	163.2	0.49	0.46	34.90	28.00	11.1	0.154	163.2
0.05	15.00	15.00	34.90	28.02	11.7	0.157	162.8	0.16	0.13	34.90	28.02	11.7	0.157	162.8
0.10	15.00	15.00	34.90	28.04	12.3	0.161	161.3	-0.12	-0.15	34.90	28.04	12.3	0.161	161.3
0.15	15.00	15.00	34.90	28.06	12.9	0.164	160.1	-0.40	-0.43	34.90	28.06	12.9	0.164	160.1
0.20	15.00	15.00	34.90	28.08	13.5	0.168	158.5	-0.55	-0.58	34.90	28.08	13.5	0.168	158.5
0.25	15.00	15.00	34.91	28.10	14.1	0.169	157.4	-0.72	-0.75	34.91	28.10	14.1	0.169	157.4
0.30	15.00	15.00	34.91	28.12	14.7	0.169	156.2	-0.84	-0.87	34.91	28.12	14.7	0.169	156.2
0.35	15.00	15.00	34.92	28.14	15.3	0.169	155.0	-0.94	-0.97	34.92	28.14	15.3	0.169	155.0
0.40	15.00	15.00	34.92	28.16	15.9	0.167	153.8	-1.06	-1.09	34.92	28.16	15.9	0.167	153.8
0.45	15.00	15.00	34.93	28.18	16.5	0.167	152.6	-1.11	-1.14	34.93	28.18	16.5	0.167	152.6
0.50	15.00	15.00	34.93	28.20	17.1	0.167	151.4	-1.16	-1.19	34.93	28.20	17.1	0.167	151.4
0.55	15.00	15.00	34.93	28.22	17.7	0.167	150.2	-1.21	-1.24	34.93	28.22	17.7	0.167	150.2
0.60	15.00	15.00	34.93	28.24	18.3	0.167	149.0	-1.26	-1.29	34.93	28.24	18.3	0.167	149.0
0.65	15.00	15.00	34.93	28.26	18.9	0.167	147.8	-1.31	-1.34	34.93	28.26	18.9	0.167	147.8
0.70	15.00	15.00	34.93	28.28	19.5	0.167	146.6	-1.36	-1.39	34.93	28.28	19.5	0.167	146.6
0.75	15.00	15.00	34.93	28.30	20.1	0.167	145.4	-1.41	-1.44	34.93	28.30	20.1	0.167	145.4
0.80	15.00	15.00	34.93	28.32	20.7	0.167	144.2	-1.46	-1.49	34.93	28.32	20.7	0.167	144.2
0.85	15.00	15.00	34.93	28.34	21.3	0.167	143.0	-1.51	-1.54	34.93	28.34	21.3	0.167	143.0
0.90	15.00	15.00	34.93	28.36	21.9	0.167	141.8	-1.56	-1.59	34.93	28.36	21.9	0.167	141.8
0.95	15.00	15.00	34.93	28.38	22.5	0.167	140.6	-1.61	-1.64	34.93	28.38	22.5	0.167	140.6
1.00	15.00	15.00	34.93	28.40	23.1	0.167	139.4	-1.66	-1.69	34.93	28.40	23.1	0.167	139.4
1.05	15.00	15.00	34.93	28.42	23.7	0.167	138.2	-1.71	-1.74	34.93	28.42	23.7	0.167	138.2
1.10	15.00	15.00	34.93	28.44	24.3	0.167	137.0	-1.76	-1.79	34.93	28.44	24.3	0.167	137.0
1.15	15.00	15.00	34.93	28.46	24.9	0.167	135.8	-1.81	-1.84	34.93	28.46	24.9	0.167	135.8
1.20	15.00	15.00	34.93	28.48	25.5	0.167	134.6	-1.86	-1.89	34.93	28.48	25.5	0.167	134.6
1.25	15.00	15.00	34.93	28.50	26.1	0.167	133.4	-1.91	-1.94	34.93	28.50	26.1	0.167	133.4
1.30	15.00	15.00	34.93	28.52	26.7	0.167	132.2	-1.96	-1.99	34.93	28.52	26.7	0.167	132.2
1.35	15.00	15.00	34.93	28.54	27.3	0.167	131.0	-2.01	-2.04	34.93	28.54	27.3	0.167	131.0
1.40	15.00	15.00	34.93	28.56	27.9	0.167	129.8	-2.06	-2.09	34.93	28.56	27.9	0.167	129.8
1.45	15.00	15.00	34.93	28.58	28.5	0.167	128.6	-2.11	-2.14	34.93	28.58	28.5	0.167	128.6
1.50	15.00	15.00	34.93	28.60	29.1	0.167	127.4	-2.16	-2.19	34.93	28.60	29.1	0.167	127.4
1.55	15.00	15.00	34.93	28.62	29.7	0.167	126.2	-2.21	-2.24	34.93	28.62	29.7	0.167	126.2
1.60	15.00	15.00	34.93	28.64	30.3	0.167	125.0	-2.26	-2.29	34.93	28.64	30.3	0.167	125.0
1.65	15.00	15.00	34.93	28.66	30.9	0.167	123.8	-2.31	-2.34	34.93	28.66	30.9	0.167	123.8
1.70	15.00	15.00	34.93	28.68	31.5	0.167	122.6	-2.36	-2.39	34.93	28.68	31.5	0.167	122.6
1.75	15.00	15.00	34.93	28.70	32.1	0.167	121.4	-2.41	-2.44	34.93	28.70	32.1	0.167	121.4
1.80	15.00	15.00	34.93	28.72	32.7	0.167	120.2	-2.46	-2.49	34.93	28.72	32.7	0.167	120.2
1.85	15.00	15.00	34.93	28.74	33.3	0.167	119.0	-2.51	-2.54	34.93	28.74	33.3	0.167	119.0
1.90	15.00	15.00	34.93	28.76	33.9	0.167	117.8	-2.56	-2.59	34.93	28.76	33.9	0.167	117.8
1.95	15.00	15.00	34.93	28.78	34.5	0.167	116.6	-2.61	-2.64	34.93	28.78	34.5	0.167	116.6
2.00	15.00	15.00	34.93	28.80	35.1	0.167	115.4	-2.66	-2.69	34.93	28.80	35.1	0.167	115.4
2.05	15.00	15.00	34.93	28.82	35.7	0.167	114.2	-2.71	-2.74	34.93	28.82	35.7	0.167	114.2
2.10	15.00	15.00	34.93	28.84	36.3	0.167	113.0	-2.76	-2.79	34.93	28.84	36.3	0.167	113.0
2.15	15.00	15.00	34.93	28.86	36.9	0.167	111.8	-2.81	-2.84	34.93	28.86	36.9	0.167	111.8
2.20	15.00	15.00	34.93	28.88	37.5	0.167	110.6	-2.86	-2.89	34.93	28.88	37.5	0.167	110.6
2.25	15.00	15.00	34.93	28.90	38.1	0.167	109.4	-2.91	-2.94	34.93	28.90	38.1	0.167	109.4
2.30	15.00	15.00	34.93	28.92	38.7	0.167	108.2	-2.96	-2.99	34.93	28.92	38.7	0.167	108.2
2.35	15.00	15.00	34.93	28.94	39.3	0.167	107.0	-3.01	-3.04	34.93	28.94	39.3	0.167	107.0
2.40	15.00	15.00	34.93	28.96	39.9	0.167	105.8	-3.06	-3.09	34.93	28.96	39.9	0.167	105.8
2.45	15.00	15.00	34.93	28.98	40.5	0.167	104.6	-3.11	-3.14	34.93	28.98	40.5	0.167	104.6
2.50	15.00	15.00	34.93	29.00	41.1	0.167	103.4	-3.16	-3.19	34.93	29.00	41.1	0.167	103.4
2.55	15.00	15.00	34.93	29.02	41.7	0.167	102.2	-3.21	-3.24	34.93	29.02	41.7	0.167	102.2
2.60	15.00	15.00	34.93	29.04	42.3	0.167	101.0	-3.26	-3.29	34.93	29.04	42.3	0.167	101.0
2.65	15.00	15.00	34.93	29.06	42.9	0.167	99.8	-3.31	-3.34	34.93	29.06	42.9	0.167	99.8
2.70	15.00	15.00	34.93	29.08	43.5	0.167	98.6	-3.36	-3.39	34.93	29.08	43.5	0.167	98.6
2.75	15.00	15.00	34.93	29.10	44.1	0.167	97.4	-3.41	-3.44	34.93	29.10	44.1	0.167	97.4
2.80	15.00	15.00	34.93	29.12	44.7	0.167	96.2	-3.46	-3.49	34.93	29.12	44.7	0.167	96.2
2.85	15.00	15.00	34.93	29.14	45.3	0.167	95.0	-3.51	-3.54	34.93	29.14	45.3	0.167	95.0
2.90	15.00	15.00	34.93	29.16	45.9	0.167	93.8	-3.56	-3.59	34.93	29.16	45.9	0.167	93.8
2.95	15.00	15.00	34.93	29.18	46.5	0.167	92.6	-3.61	-3.64	34.93	29.18	46.5	0.167	92.6
3.00	15.00	15.00	34.93	29.20	47.1	0.167	91.4	-3.66	-3.69	34.93	29.20	47.1	0.167	91.4
3.05	15.00	15.00	34.93	29.22	47.7	0.167	90.2	-3.71	-3.74	34.93	29.22	47.7	0.167	90.2
3.10	15.00	15.00	34.93	29.24	48.3	0.167	89.0	-3.76	-3.79	34.93	29.24	48.3	0.167	89.0
3.15	15.00	15.00	34.93	29.26	48.9	0.167	87.8	-3.81	-3.84	34.93	29.26	48.9	0.167	87.8
3.20	15.00	15.00	34.93	29.28	49.5	0.167	86.6	-3.86	-3.89	34.93	29.28	49.5	0.167	86.6
3.25	15.00	15.00	34.93	29.30	50.1	0.167	85.4	-3.91	-3.94	34.93	29.30	50.1	0.167	85.4
3.30	15.00	15.00	34.93	29.32	50.7	0.167	84.2	-3.96	-3.99	34.93	29.32	50.7	0.167	84.2
3.35	15.00	15.00	34.93	29.34	51.3	0.167	83.0	-4.01	-4.04	34.93	29.34	51.3	0.167	83.0
3.40	15.00	15.00	34.93	29.36	51.9	0.167	81.8	-4.06	-4.09	34.93	29.36	51.9	0.167	81.8
3.45	15.00	15.00	34.93	29.38	52.5	0.167	80.6	-4.11	-4.14	34.93	29.38	52.5	0.167	80.6
3.50	15.00	15.00	34.93	29.40	53.1	0.167	79.4	-4.16	-4.19	34.93	29.40	53.1	0.167	79.4
3.55	15.00	15.00	34.93	29.42	53.7	0.167	78.2	-4.21	-4.24	34.93	29.42	53.7	0.167	78.2
3.60	15.00	15.00	34.93	29.44	54.3	0.167	77.0	-4.26	-4.29	34.93	29.44	54.3	0.167	77.0
3.65	15.00	15.00	34.93	29.46	54.9	0.167	75.8	-4.31	-4.34	34.93	29.46	54.9	0.167	75.8
3.70	15.00	15.00	34.93	29.48	55.5	0.167	74.6	-4.36	-4.39	34.93	29.48	55.5	0.167	74.6
3.75	15.00	15.00	34.93	29.50	56.1	0.167	73.4	-4.41	-4.44	34.93	29.50	56.1	0.167	73.4
3.80	15.00	15.00	34.93	29.52	56.7	0.167	72.2	-4.46	-4.49	34.93	29.52	56.7	0.167	72.2
3.85	15.00	15.00	34.93	29.54	57.3	0.167	71.0	-4.51	-4.54	34.93	29.54	57.3	0.167	71.0
3.90	15.00	15.00	34.93	29.56	57.9	0.167	69.8	-4.56	-4.59	34.93	29.56	57.9	0.167	69.8
3.95	15.00	15.00	34.93	29.58	58.5	0.167	68.6	-4.61	-4.64	34.93	29.58	58.5	0.167	68.6
4.00	15.00	15.00	34.93	29.60	59.1	0.167	67.4	-4.66	-4.69	34.93	29.60	59.1	0.167	67.4
4.05														



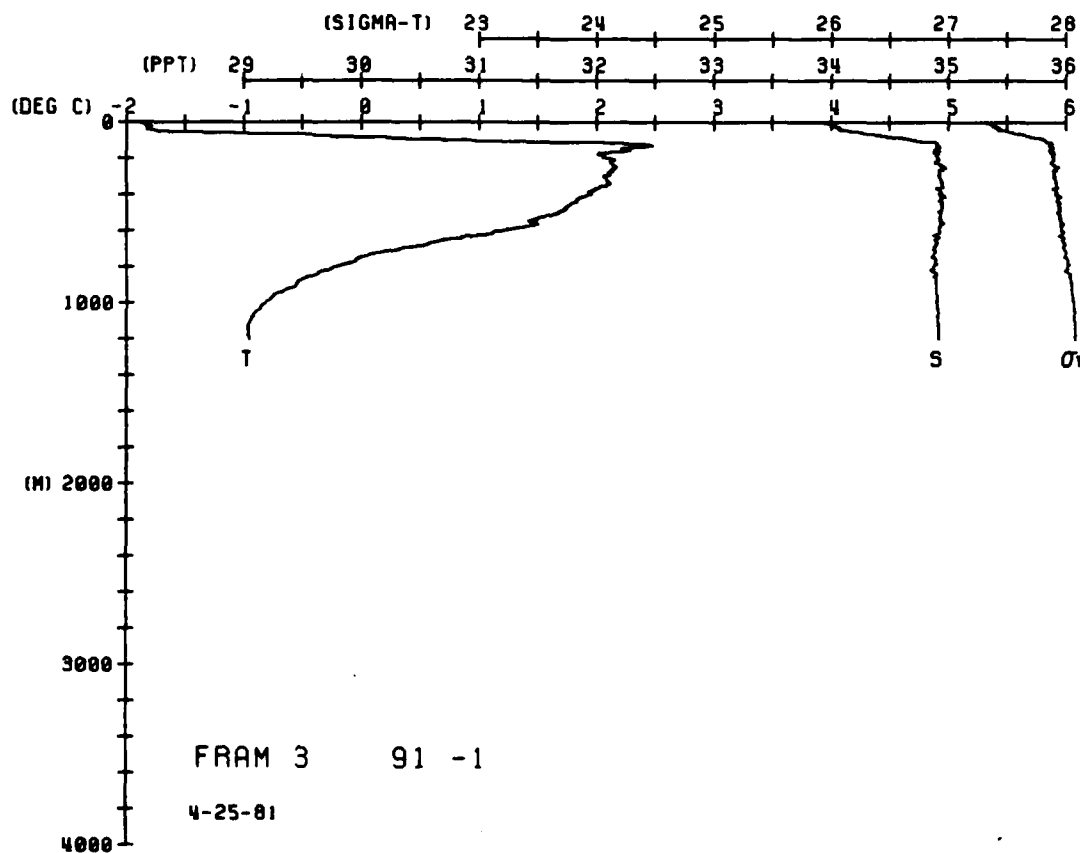
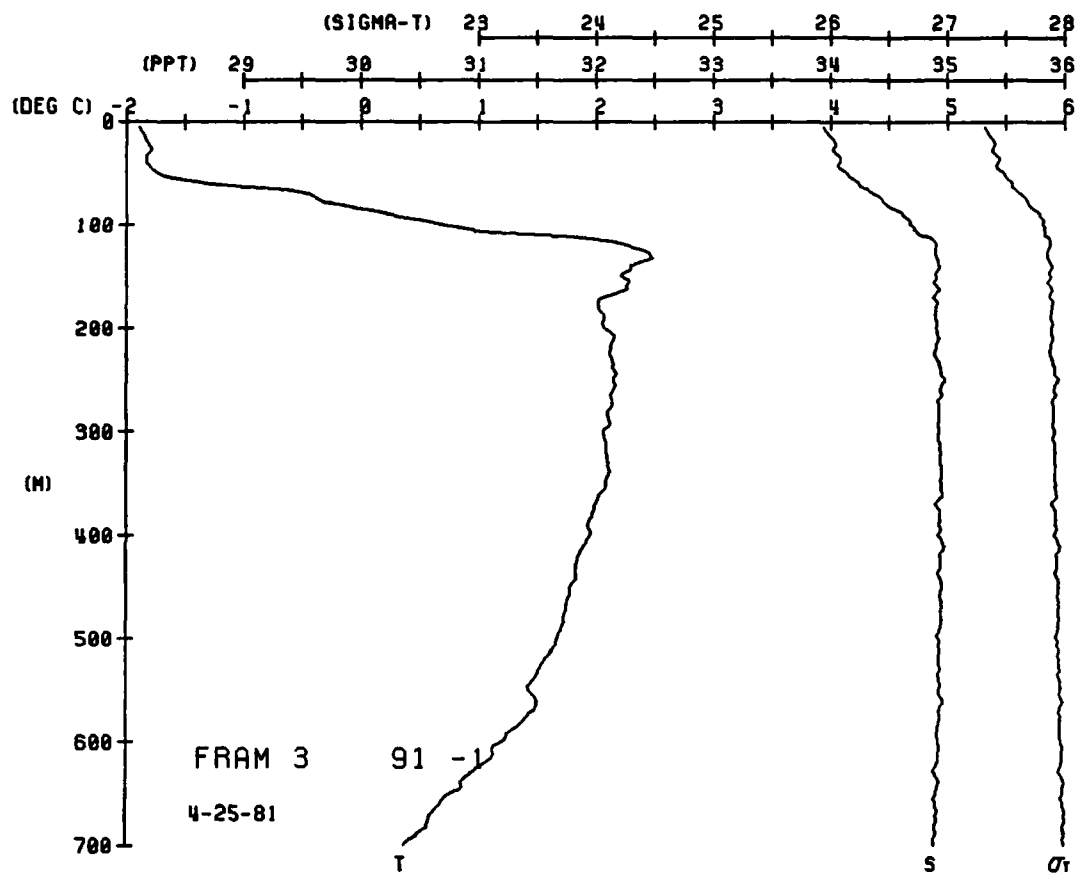
PHAM 3 STATION 90(1) CTD 25/APR/1981 1350 GMT CODE = 5
 LAT = 81.7750N LNG = 5.9200E LTR = 300 LGK = 300
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	86	-1	34	27.48	59.22	0.000	1439.4
5	86	-1	34	27.48	59.22	0.002	1439.5
10	86	-1	34	27.48	59.22	0.003	1439.6
15	87	-1	34	27.48	59.22	0.009	1439.7
20	87	-1	34	27.48	59.22	0.012	1439.8
25	86	-1	34	27.48	59.22	0.014	1439.9
30	86	-1	34	27.48	59.22	0.021	1440.0
35	86	-1	34	27.48	59.22	0.027	1440.1
40	86	-1	34	27.48	59.22	0.030	1440.3
45	86	-1	34	27.48	59.22	0.033	1440.4
50	85	-1	34	27.47	59.22	0.036	1440.5
55	85	-1	34	27.47	59.22	0.039	1440.7
60	85	-1	34	27.47	59.22	0.042	1440.8
65	85	-1	34	27.47	59.22	0.045	1441.1
70	85	-1	34	27.47	59.22	0.048	1441.4
75	85	-1	34	27.47	59.22	0.051	1441.8
80	85	-1	34	27.47	59.22	0.053	1442.1
85	85	-1	34	27.47	59.22	0.055	1442.5
90	85	-1	34	27.47	59.22	0.057	1442.8
95	85	-1	34	27.47	59.22	0.061	1443.1
100	85	-1	34	27.47	59.22	0.065	1443.4
105	85	-1	34	27.47	59.22	0.068	1443.7
110	85	-1	34	27.47	59.22	0.071	1444.0
115	85	-1	34	27.47	59.22	0.073	1444.3
120	85	-1	34	27.47	59.22	0.076	1444.6
125	85	-1	34	27.47	59.22	0.078	1444.8
130	85	-1	34	27.47	59.22	0.080	1445.0
135	85	-1	34	27.47	59.22	0.083	1445.3
140	85	-1	34	27.47	59.22	0.085	1445.5
145	85	-1	34	27.47	59.22	0.087	1445.7
150	85	-1	34	27.47	59.22	0.089	1445.9
155	85	-1	34	27.47	59.22	0.091	1446.1
160	85	-1	34	27.47	59.22	0.092	1446.3
165	85	-1	34	27.47	59.22	0.094	1446.5
170	85	-1	34	27.47	59.22	0.095	1446.7
175	85	-1	34	27.47	59.22	0.097	1446.9
180	85	-1	34	27.47	59.22	0.098	1447.1
185	85	-1	34	27.47	59.22	0.100	1447.3
190	85	-1	34	27.47	59.22	0.101	1447.5
195	85	-1	34	27.47	59.22	0.104	1447.7
200	85	-1	34	27.47	59.22	0.106	1447.9
205	85	-1	34	27.47	59.22	0.107	1448.1
210	85	-1	34	27.47	59.22	0.108	1448.3
215	85	-1	34	27.47	59.22	0.110	1448.5
220	85	-1	34	27.47	59.22	0.111	1448.7
225	85	-1	34	27.47	59.22	0.113	1448.9
230	85	-1	34	27.47	59.22	0.114	1449.1
235	85	-1	34	27.47	59.22	0.115	1449.3
240	85	-1	34	27.47	59.22	0.117	1449.5
245	85	-1	34	27.47	59.22	0.119	1449.7
250	85	-1	34	27.47	59.22	0.120	1449.9
255	85	-1	34	27.47	59.22	0.121	1450.1
260	85	-1	34	27.47	59.22	0.122	1450.3
265	85	-1	34	27.47	59.22	0.123	1450.5
270	85	-1	34	27.47	59.22	0.124	1450.7
275	85	-1	34	27.47	59.22	0.125	1450.9
280	85	-1	34	27.47	59.22	0.126	1451.1
285	85	-1	34	27.47	59.22	0.127	1451.3
290	85	-1	34	27.47	59.22	0.128	1451.5
295	85	-1	34	27.47	59.22	0.129	1451.7
300	85	-1	34	27.47	59.22	0.130	1451.9
305	85	-1	34	27.47	59.22	0.131	1452.1
310	85	-1	34	27.47	59.22	0.132	1452.3
315	85	-1	34	27.47	59.22	0.133	1452.5
320	85	-1	34	27.47	59.22	0.134	1452.7
325	85	-1	34	27.47	59.22	0.135	1452.9
330	85	-1	34	27.47	59.22	0.136	1453.1
335	85	-1	34	27.47	59.22	0.137	1453.3
340	85	-1	34	27.47	59.22	0.138	1453.5
345	85	-1	34	27.47	59.22	0.139	1453.7
350	85	-1	34	27.47	59.22	0.140	1453.9
355	85	-1	34	27.47	59.22	0.141	1454.1
360	85	-1	34	27.47	59.22	0.142	1454.3
365	85	-1	34	27.47	59.22	0.143	1454.5
370	85	-1	34	27.47	59.22	0.144	1454.7
375	85	-1	34	27.47	59.22	0.145	1454.9
380	85	-1	34	27.47	59.22	0.146	1455.1
385	85	-1	34	27.47	59.22	0.147	1455.3
390	85	-1	34	27.47	59.22	0.148	1455.5
395	85	-1	34	27.47	59.22	0.149	1455.7
400	85	-1	34	27.47	59.22	0.150	1455.9
405	85	-1	34	27.47	59.22	0.151	1456.1
410	85	-1	34	27.47	59.22	0.152	1456.3
415	85	-1	34	27.47	59.22	0.153	1456.5
420	85	-1	34	27.47	59.22	0.154	1456.7
425	85	-1	34	27.47	59.22	0.155	1456.9
430	85	-1	34	27.47	59.22	0.156	1457.1
435	85	-1	34	27.47	59.22	0.157	1457.3
440	85	-1	34	27.47	59.22	0.158	1457.5
445	85	-1	34	27.47	59.22	0.159	1457.7
450	85	-1	34	27.47	59.22	0.160	1457.9
455	85	-1	34	27.47	59.22	0.161	1458.1
460	85	-1	34	27.47	59.22	0.162	1458.3
465	85	-1	34	27.47	59.22	0.163	1458.5
470	85	-1	34	27.47	59.22	0.164	1458.7
475	85	-1	34	27.47	59.22	0.165	1458.9
480	85	-1	34	27.47	59.22	0.166	1459.1
485	85	-1	34	27.47	59.22	0.167	1459.3
490	85	-1	34	27.47	59.22	0.168	1459.5
495	85	-1	34	27.47	59.22	0.169	1459.7
500	85	-1	34	27.47	59.22	0.170	1459.9



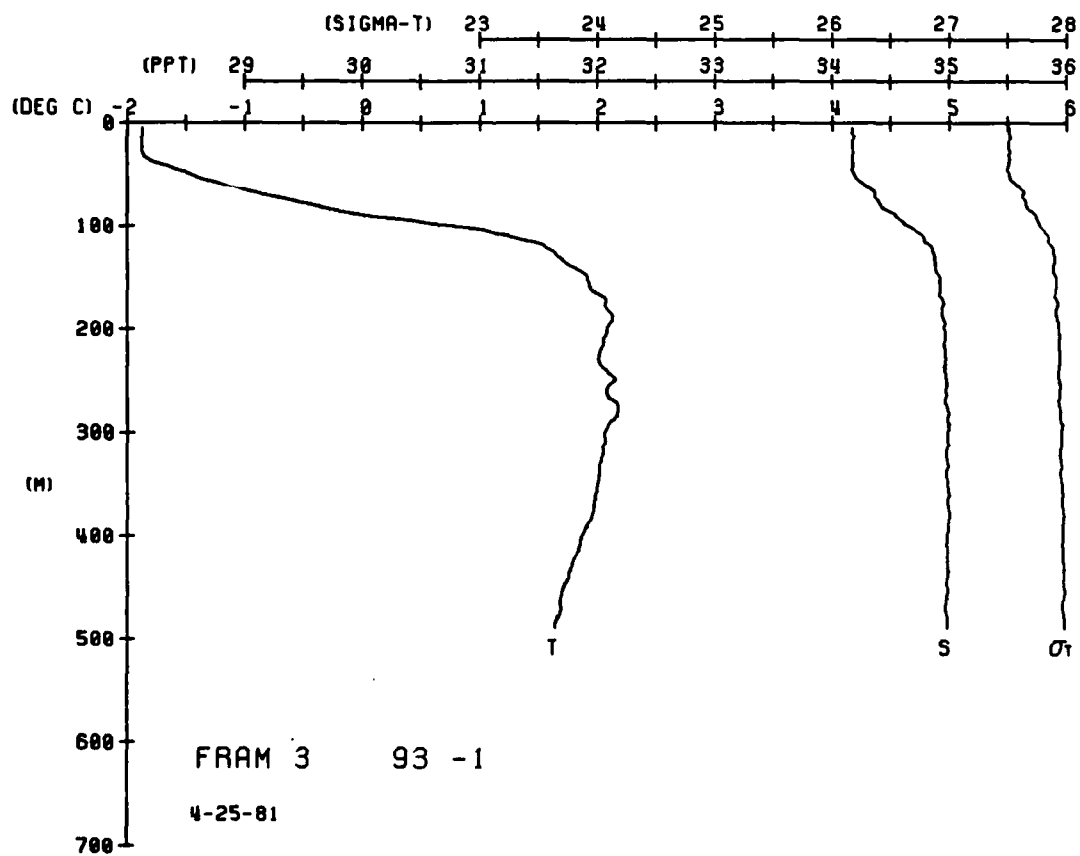
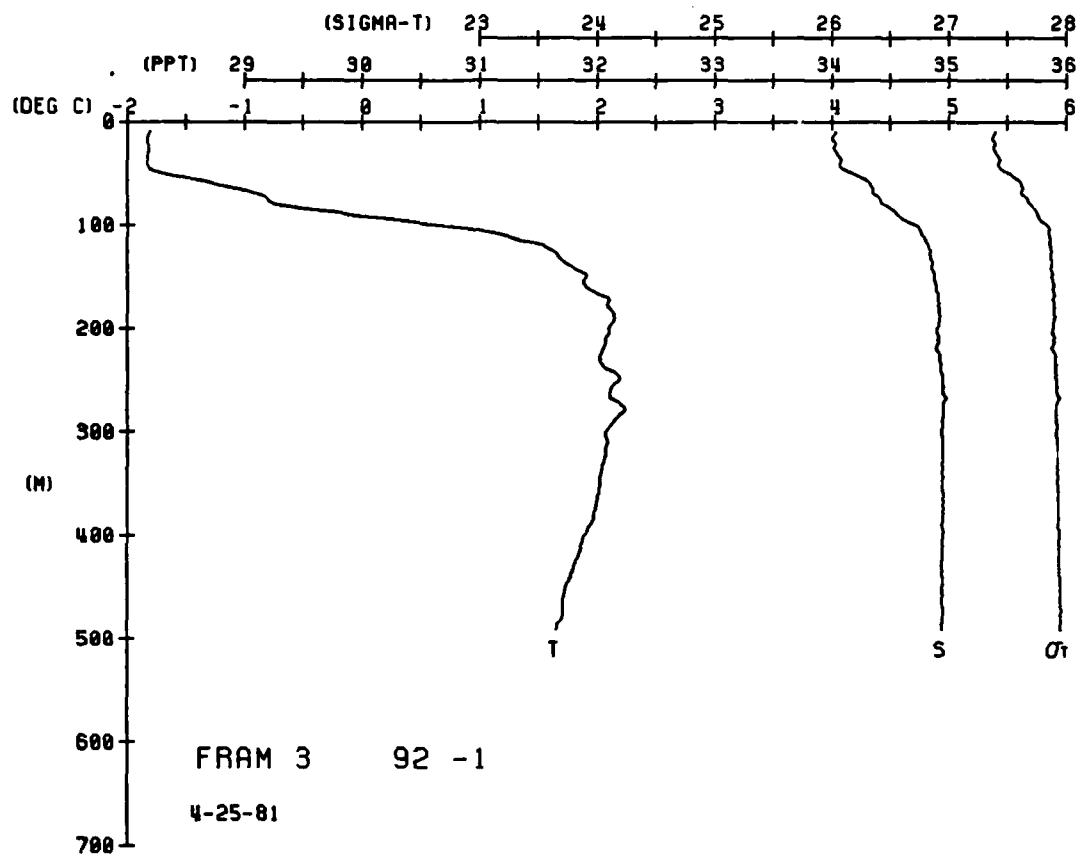
FRA 3 STATION 91(1) CTD 25/APR/1981 1417 GMT CODE = 5
 LAT = 82.1102N LNC = 5.7747E LTER = 30. LGER = 30.
 AIR TEMP = 0.0 HAKOM = 0.0 WIND = 0.0 SPEED = 0.0

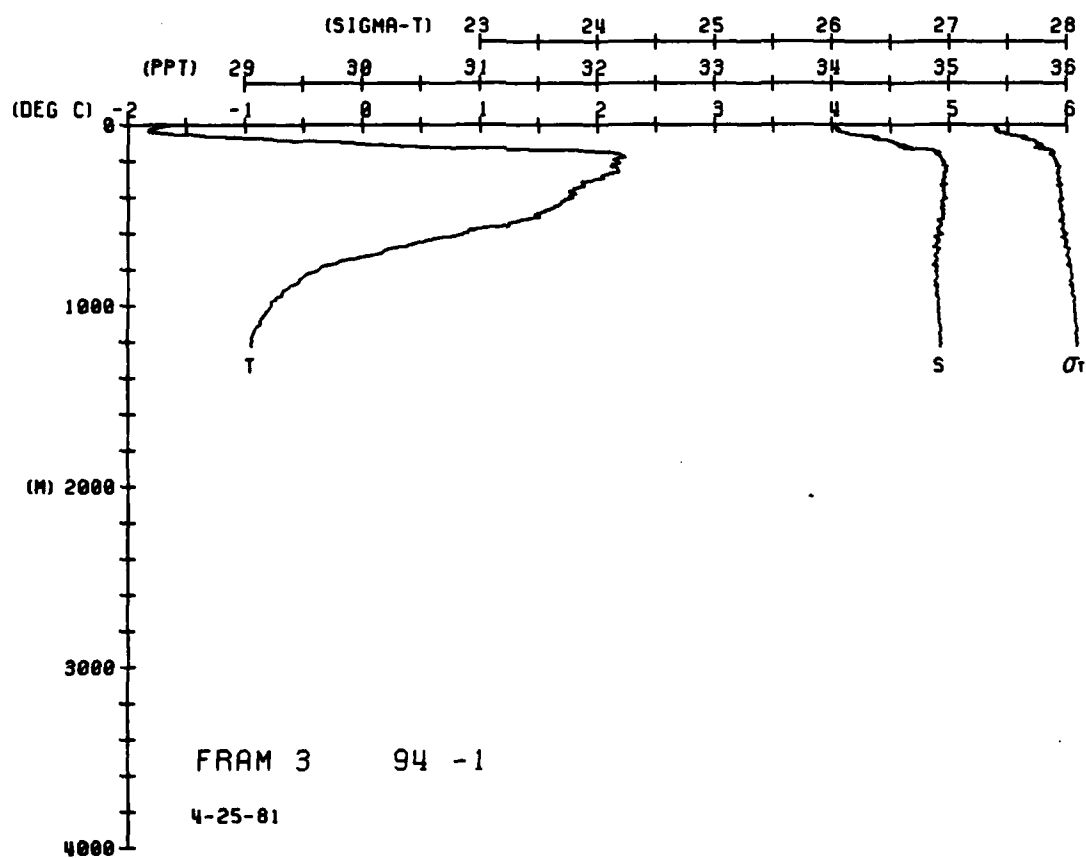
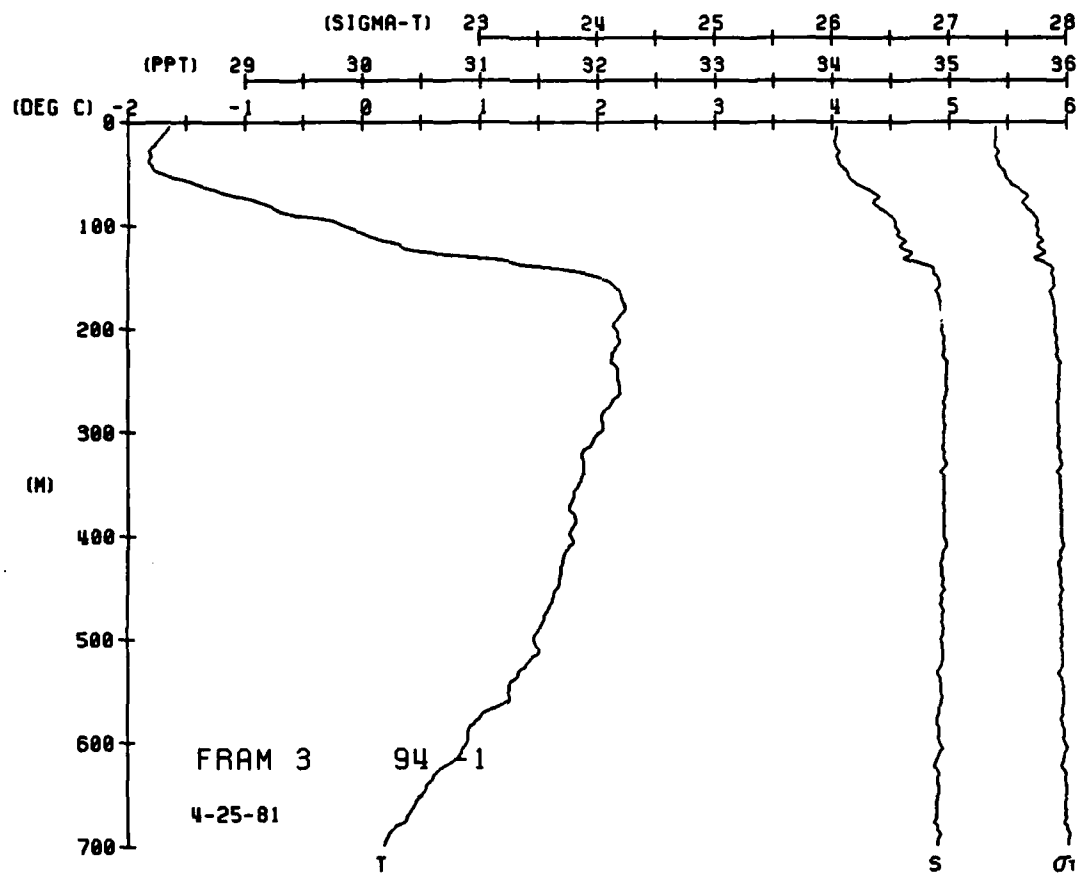
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	89.9	89.9	33.9	27.3	14.9	0.003	1439.0	710.0	0.28	0.25	34.90	28.01	9.4	0.164	1462.3
5	89.9	89.9	33.9	27.3	14.9	0.004	1439.1	740.0	0.03	0.02	34.89	28.01	9.4	0.167	1461.7
10	89.9	89.9	33.9	27.3	14.9	0.007	1439.3	790.0	-0.13	-0.16	34.89	28.01	9.4	0.174	1461.5
15	89.9	89.9	33.9	27.3	14.9	0.011	1439.6	840.0	-0.37	-0.40	34.90	28.06	9.4	0.179	1461.5
20	89.9	89.9	33.9	27.3	14.9	0.014	1439.8	890.0	-0.54	-0.58	34.90	28.06	9.4	0.179	1461.5
25	89.9	89.9	33.9	27.3	14.9	0.018	1439.8	940.0	-0.67	-0.70	34.91	28.07	9.4	0.178	1461.5
30	89.9	89.9	33.9	27.3	14.9	0.024	1439.8	990.0	-0.79	-0.83	34.91	28.08	9.4	0.178	1461.5
35	89.9	89.9	33.9	27.3	14.9	0.028	1439.8	1040.0	-0.87	-0.91	34.92	28.09	9.4	0.178	1461.5
40	89.9	89.9	33.9	27.3	14.9	0.034	1439.8	1090.0	-0.93	-0.94	34.92	28.09	9.4	0.177	1461.5
45	89.9	89.9	33.9	27.3	14.9	0.037	1439.8	1140.0	-0.95	-1.00	34.92	28.09	9.4	0.177	1461.5
50	89.9	89.9	33.9	27.3	14.9	0.042	1439.8	1190.0	-0.95	-1.00	34.92	28.09	9.4	0.177	1461.5
55	89.9	89.9	33.9	27.3	14.9	0.047	1439.8	1204.4	-0.95	-1.00	34.92	28.09	9.4	0.177	1461.5
60	89.9	89.9	33.9	27.3	14.9	0.049	1439.8								
65	89.9	89.9	33.9	27.3	14.9	0.052	1439.8								
70	89.9	89.9	33.9	27.3	14.9	0.055	1439.8								
75	89.9	89.9	33.9	27.3	14.9	0.058	1439.8								
80	89.9	89.9	33.9	27.3	14.9	0.063	1439.8								
85	89.9	89.9	33.9	27.3	14.9	0.069	1439.8								
90	89.9	89.9	33.9	27.3	14.9	0.071	1439.8								
95	89.9	89.9	33.9	27.3	14.9	0.078	1439.8								
100	89.9	89.9	33.9	27.3	14.9	0.082	1439.8								
105	89.9	89.9	33.9	27.3	14.9	0.084	1439.8								
110	89.9	89.9	33.9	27.3	14.9	0.086	1439.8								
115	89.9	89.9	33.9	27.3	14.9	0.090	1439.8								
120	89.9	89.9	33.9	27.3	14.9	0.092	1439.8								
125	89.9	89.9	33.9	27.3	14.9	0.094	1439.8								
130	89.9	89.9	33.9	27.3	14.9	0.098	1439.8								
135	89.9	89.9	33.9	27.3	14.9	0.099	1439.8								
140	89.9	89.9	33.9	27.3	14.9	0.100	1439.8								
145	89.9	89.9	33.9	27.3	14.9	0.102	1439.8								
150	89.9	89.9	33.9	27.3	14.9	0.104	1439.8								
155	89.9	89.9	33.9	27.3	14.9	0.106	1439.8								
160	89.9	89.9	33.9	27.3	14.9	0.108	1439.8								
165	89.9	89.9	33.9	27.3	14.9	0.111	1439.8								
170	89.9	89.9	33.9	27.3	14.9	0.113	1439.8								
175	89.9	89.9	33.9	27.3	14.9	0.117	1439.8								
180	89.9	89.9	33.9	27.3	14.9	0.119	1439.8								
185	89.9	89.9	33.9	27.3	14.9	0.123	1439.8								
190	89.9	89.9	33.9	27.3	14.9	0.124	1439.8								
195	89.9	89.9	33.9	27.3	14.9	0.126	1439.8								
200	89.9	89.9	33.9	27.3	14.9	0.128	1439.8								
205	89.9	89.9	33.9	27.3	14.9	0.130	1439.8								
210	89.9	89.9	33.9	27.3	14.9	0.134	1439.8								
215	89.9	89.9	33.9	27.3	14.9	0.136	1439.8								
220	89.9	89.9	33.9	27.3	14.9	0.138	1439.8								
225	89.9	89.9	33.9	27.3	14.9	0.140	1439.8								
230	89.9	89.9	33.9	27.3	14.9	0.142	1439.8								
235	89.9	89.9	33.9	27.3	14.9	0.144	1439.8								
240	89.9	89.9	33.9	27.3	14.9	0.146	1439.8								
245	89.9	89.9	33.9	27.3	14.9	0.148	1439.8								
250	89.9	89.9	33.9	27.3	14.9	0.150	1439.8								
255	89.9	89.9	33.9	27.3	14.9	0.152	1439.8								
260	89.9	89.9	33.9	27.3	14.9	0.154	1439.8								
265	89.9	89.9	33.9	27.3	14.9	0.156	1439.8								
270	89.9	89.9	33.9	27.3	14.9	0.158	1439.8								
275	89.9	89.9	33.9	27.3	14.9	0.160	1439.8								
280	89.9	89.9	33.9	27.3	14.9	0.162	1439.8								
285	89.9	89.9	33.9	27.3	14.9	0.164	1439.8								
290	89.9	89.9	33.9	27.3	14.9	0.166	1439.8								
295	89.9	89.9	33.9	27.3	14.9	0.168	1439.8								
300	89.9	89.9	33.9	27.3	14.9	0.170	1439.8								



FRAM 3 STATION 93(1) CTD 25/APR/1981 1531 GMT CUDL = 5
LAT = R2.1020N LNG = 5.7578E LTER = 30 LGER = 30
AIR TEMP = 0.0 BAKUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	87	1	34.17	7.51	3	00	1439.5
4	87	1	34.17	7.51	6	002	1439.5
10	87	1	34.17	7.51	5	003	1439.5
20	87	1	34.17	7.51	5	006	1439.5
30	87	1	34.17	7.51	7	009	1439.5
40	87	1	34.17	7.51	6	011	1439.5
50	87	1	34.17	7.51	5	014	1439.5
60	87	1	34.17	7.51	5	017	1439.5
70	87	1	34.17	7.51	5	020	1439.5
80	87	1	34.17	7.51	5	023	1439.5
90	87	1	34.17	7.51	5	028	1439.5
100	87	1	34.17	7.51	5	031	1439.5
110	87	1	34.17	7.51	5	034	1439.5
120	87	1	34.17	7.51	5	038	1439.5
130	87	1	34.17	7.51	5	041	1439.5
140	87	1	34.17	7.51	5	045	1439.5
150	87	1	34.17	7.51	5	047	1439.5
160	87	1	34.17	7.51	5	048	1439.5
170	87	1	34.17	7.51	5	050	1439.5
180	87	1	34.17	7.51	5	053	1439.5
190	87	1	34.17	7.51	5	057	1439.5
200	87	1	34.17	7.51	5	059	1439.5
210	87	1	34.17	7.51	5	063	1439.5
220	87	1	34.17	7.51	5	066	1439.5
230	87	1	34.17	7.51	5	068	1439.5
240	87	1	34.17	7.51	5	070	1439.5
250	87	1	34.17	7.51	5	073	1439.5
260	87	1	34.17	7.51	5	075	1439.5
270	87	1	34.17	7.51	5	078	1439.5
280	87	1	34.17	7.51	5	080	1439.5
290	87	1	34.17	7.51	5	083	1439.5
300	87	1	34.17	7.51	5	086	1439.5
310	87	1	34.17	7.51	5	089	1439.5
320	87	1	34.17	7.51	5	091	1439.5
330	87	1	34.17	7.51	5	093	1439.5
340	87	1	34.17	7.51	5	096	1439.5
350	87	1	34.17	7.51	5	097	1439.5
360	87	1	34.17	7.51	5	098	1439.5
370	87	1	34.17	7.51	5	099	1439.5
380	87	1	34.17	7.51	5	100	1439.5
390	87	1	34.17	7.51	5	101	1439.5
400	87	1	34.17	7.51	5	103	1439.5
410	87	1	34.17	7.51	5	105	1439.5
420	87	1	34.17	7.51	5	107	1439.5
430	87	1	34.17	7.51	5	109	1439.5
440	87	1	34.17	7.51	5	111	1439.5
450	87	1	34.17	7.51	5	112	1439.5
460	87	1	34.17	7.51	5	113	1439.5
470	87	1	34.17	7.51	5	114	1439.5
480	87	1	34.17	7.51	5	115	1439.5



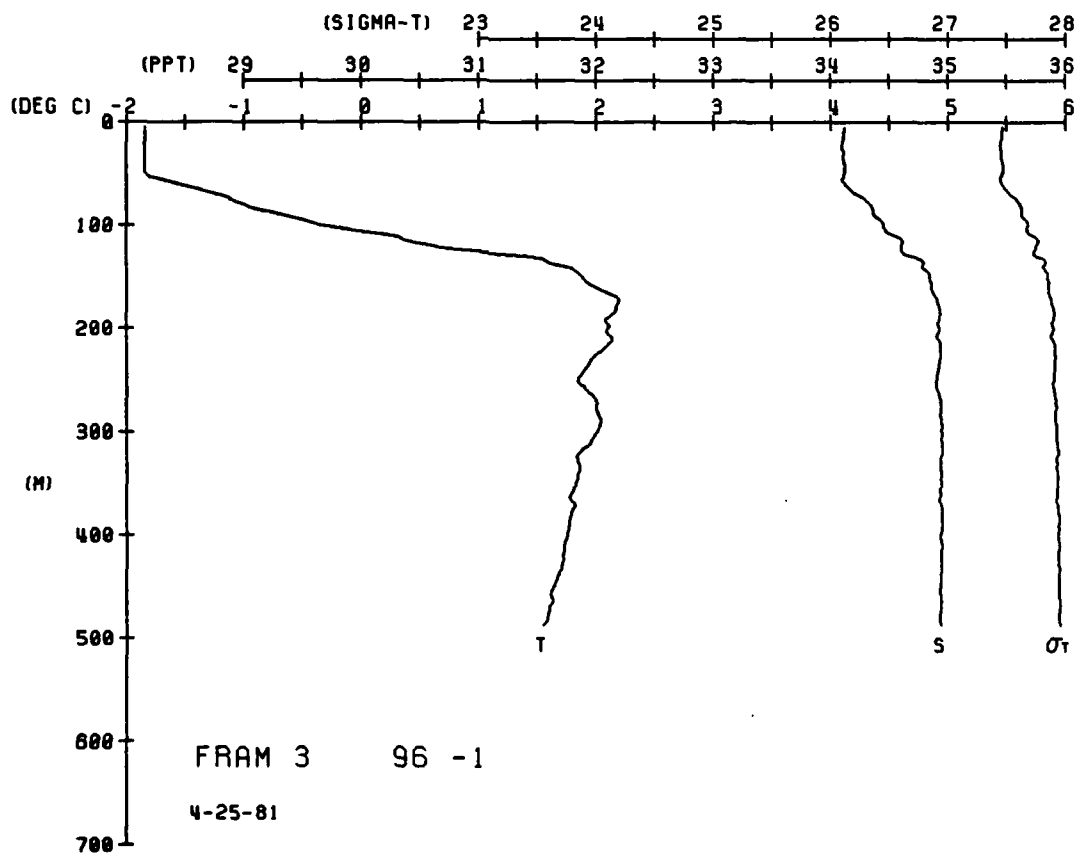
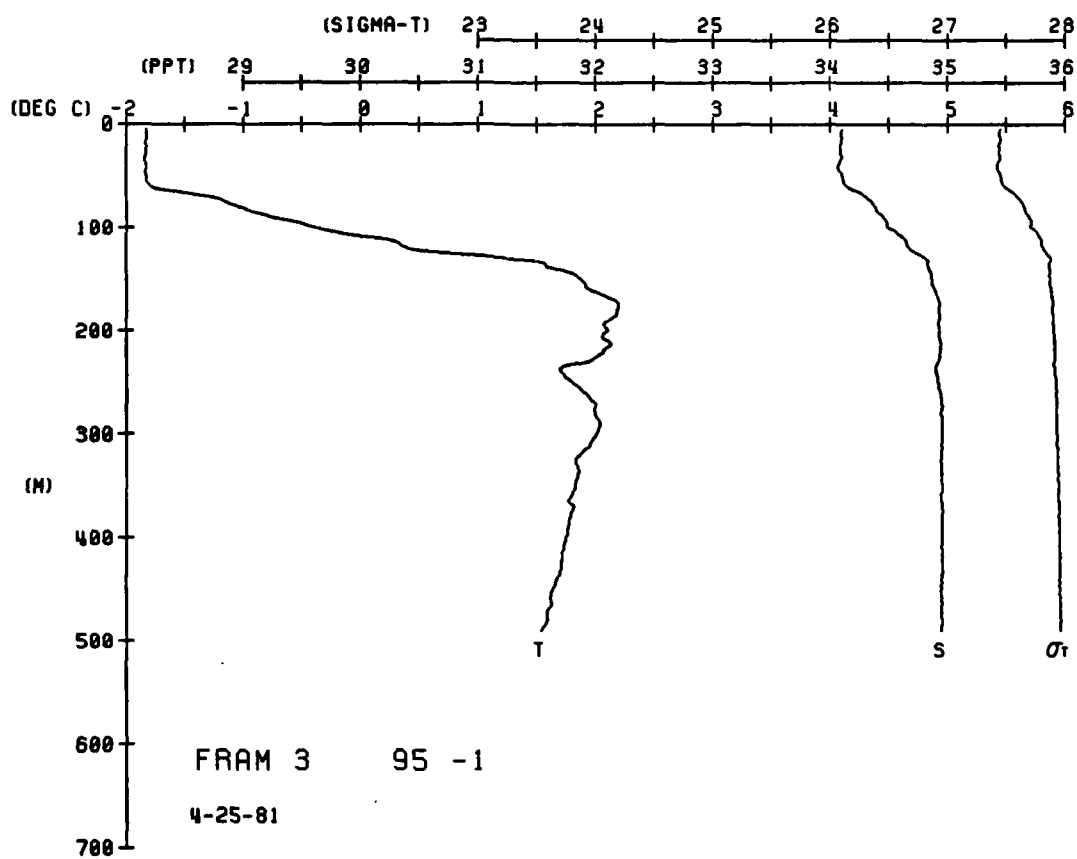


FRAM 3 STATION 95(1) CTD 25/APR/1981 2133 GMT CODE = 5
LAT = 82.0677N LNG = 5.6563E LTER = 30.0
AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	84	84	34.11	27.46	61.2	0.002	1439.5
5	83	83	34.11	27.45	61.1	0.003	1439.6
10	83	83	34.10	27.45	61.2	0.006	1439.7
15	83	83	34.10	27.44	61.2	0.013	1439.8
20	83	83	34.10	27.44	61.2	0.019	1439.9
25	83	83	34.10	27.44	61.2	0.022	1440.0
30	83	83	34.09	27.44	61.2	0.025	1440.1
35	83	83	34.09	27.44	61.2	0.028	1440.2
40	83	83	34.12	27.46	61.2	0.031	1440.3
45	83	83	34.12	27.46	61.2	0.034	1440.4
50	83	83	34.12	27.46	61.2	0.037	1440.5
55	83	83	34.12	27.46	61.2	0.040	1440.6
60	83	83	34.12	27.46	61.2	0.043	1440.7
65	83	83	34.12	27.46	61.2	0.045	1440.8
70	83	83	34.12	27.46	61.2	0.048	1440.9
75	83	83	34.12	27.46	61.2	0.050	1441.0
80	83	83	34.12	27.46	61.2	0.052	1441.1
85	83	83	34.12	27.46	61.2	0.054	1441.2
90	83	83	34.12	27.46	61.2	0.056	1441.3
95	83	83	34.12	27.46	61.2	0.058	1441.4
100	83	83	34.12	27.46	61.2	0.060	1441.5
105	83	83	34.12	27.46	61.2	0.062	1441.6
110	83	83	34.12	27.46	61.2	0.064	1441.7
115	83	83	34.12	27.46	61.2	0.066	1441.8
120	83	83	34.12	27.46	61.2	0.068	1441.9
125	83	83	34.12	27.46	61.2	0.070	1442.0
130	83	83	34.12	27.46	61.2	0.072	1442.1
135	83	83	34.12	27.46	61.2	0.074	1442.2
140	83	83	34.12	27.46	61.2	0.076	1442.3
145	83	83	34.12	27.46	61.2	0.078	1442.4
150	83	83	34.12	27.46	61.2	0.080	1442.5
155	83	83	34.12	27.46	61.2	0.082	1442.6
160	83	83	34.12	27.46	61.2	0.084	1442.7
165	83	83	34.12	27.46	61.2	0.086	1442.8
170	83	83	34.12	27.46	61.2	0.088	1442.9
175	83	83	34.12	27.46	61.2	0.090	1443.0
180	83	83	34.12	27.46	61.2	0.092	1443.1
185	83	83	34.12	27.46	61.2	0.094	1443.2
190	83	83	34.12	27.46	61.2	0.096	1443.3
195	83	83	34.12	27.46	61.2	0.098	1443.4
200	83	83	34.12	27.46	61.2	0.100	1443.5
205	83	83	34.12	27.46	61.2	0.102	1443.6
210	83	83	34.12	27.46	61.2	0.104	1443.7
215	83	83	34.12	27.46	61.2	0.106	1443.8
220	83	83	34.12	27.46	61.2	0.108	1443.9
225	83	83	34.12	27.46	61.2	0.110	1444.0
230	83	83	34.12	27.46	61.2	0.112	1444.1
235	83	83	34.12	27.46	61.2	0.114	1444.2
240	83	83	34.12	27.46	61.2	0.116	1444.3
245	83	83	34.12	27.46	61.2	0.118	1444.4
250	83	83	34.12	27.46	61.2	0.120	1444.5
255	83	83	34.12	27.46	61.2	0.122	1444.6
260	83	83	34.12	27.46	61.2	0.124	1444.7
265	83	83	34.12	27.46	61.2	0.126	1444.8
270	83	83	34.12	27.46	61.2	0.128	1444.9
275	83	83	34.12	27.46	61.2	0.130	1445.0
280	83	83	34.12	27.46	61.2	0.132	1445.1
285	83	83	34.12	27.46	61.2	0.134	1445.2
290	83	83	34.12	27.46	61.2	0.136	1445.3
295	83	83	34.12	27.46	61.2	0.138	1445.4
300	83	83	34.12	27.46	61.2	0.140	1445.5
305	83	83	34.12	27.46	61.2	0.142	1445.6
310	83	83	34.12	27.46	61.2	0.144	1445.7
315	83	83	34.12	27.46	61.2	0.146	1445.8
320	83	83	34.12	27.46	61.2	0.148	1445.9
325	83	83	34.12	27.46	61.2	0.150	1446.0
330	83	83	34.12	27.46	61.2	0.152	1446.1
335	83	83	34.12	27.46	61.2	0.154	1446.2
340	83	83	34.12	27.46	61.2	0.156	1446.3
345	83	83	34.12	27.46	61.2	0.158	1446.4
350	83	83	34.12	27.46	61.2	0.160	1446.5
355	83	83	34.12	27.46	61.2	0.162	1446.6
360	83	83	34.12	27.46	61.2	0.164	1446.7
365	83	83	34.12	27.46	61.2	0.166	1446.8
370	83	83	34.12	27.46	61.2	0.168	1446.9
375	83	83	34.12	27.46	61.2	0.170	1447.0
380	83	83	34.12	27.46	61.2	0.172	1447.1
385	83	83	34.12	27.46	61.2	0.174	1447.2
390	83	83	34.12	27.46	61.2	0.176	1447.3
395	83	83	34.12	27.46	61.2	0.178	1447.4
400	83	83	34.12	27.46	61.2	0.180	1447.5
405	83	83	34.12	27.46	61.2	0.182	1447.6
410	83	83	34.12	27.46	61.2	0.184	1447.7
415	83	83	34.12	27.46	61.2	0.186	1447.8
420	83	83	34.12	27.46	61.2	0.188	1447.9
425	83	83	34.12	27.46	61.2	0.190	1448.0
430	83	83	34.12	27.46	61.2	0.192	1448.1
435	83	83	34.12	27.46	61.2	0.194	1448.2
440	83	83	34.12	27.46	61.2	0.196	1448.3
445	83	83	34.12	27.46	61.2	0.198	1448.4
450	83	83	34.12	27.46	61.2	0.200	1448.5
455	83	83	34.12	27.46	61.2	0.202	1448.6
460	83	83	34.12	27.46	61.2	0.204	1448.7
465	83	83	34.12	27.46	61.2	0.206	1448.8
470	83	83	34.12	27.46	61.2	0.208	1448.9
475	83	83	34.12	27.46	61.2	0.210	1449.0
480	83	83	34.12	27.46	61.2	0.212	1449.1
485	83	83	34.12	27.46	61.2	0.214	1449.2
490	83	83	34.12	27.46	61.2	0.216	1449.3
495	83	83	34.12	27.46	61.2	0.218	1449.4
500	83	83	34.12	27.46	61.2	0.220	1449.5

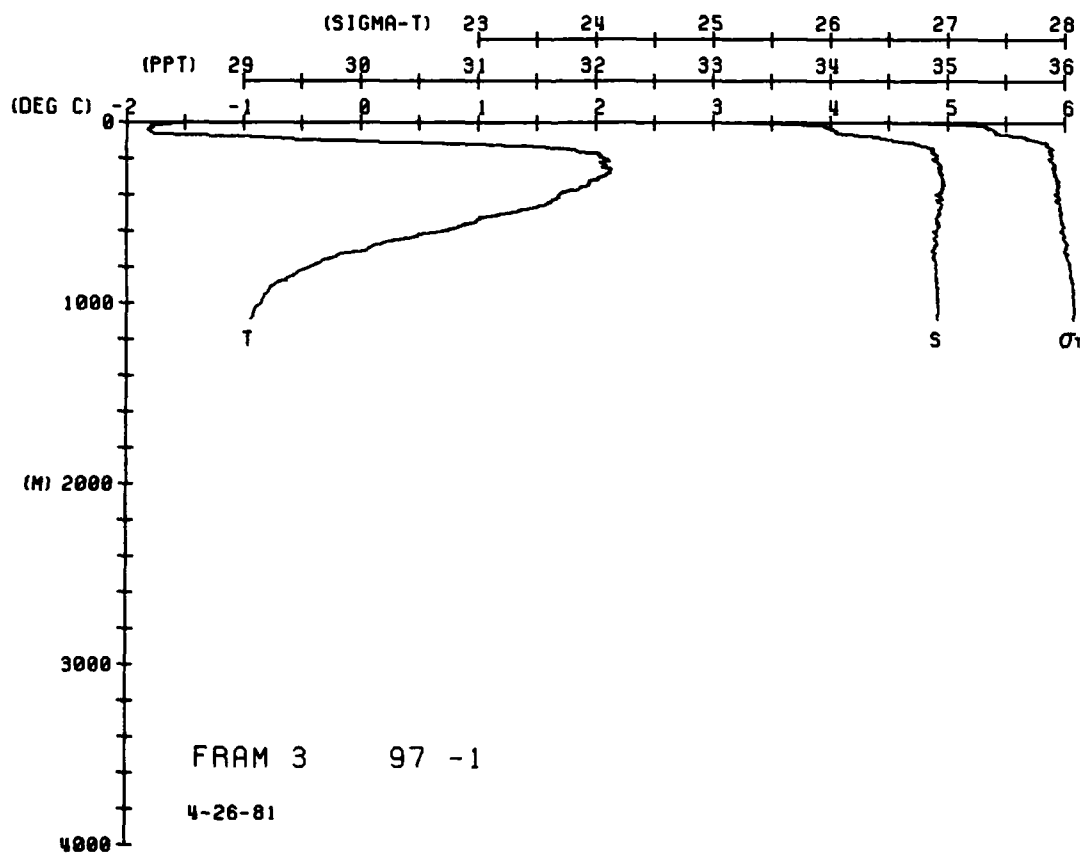
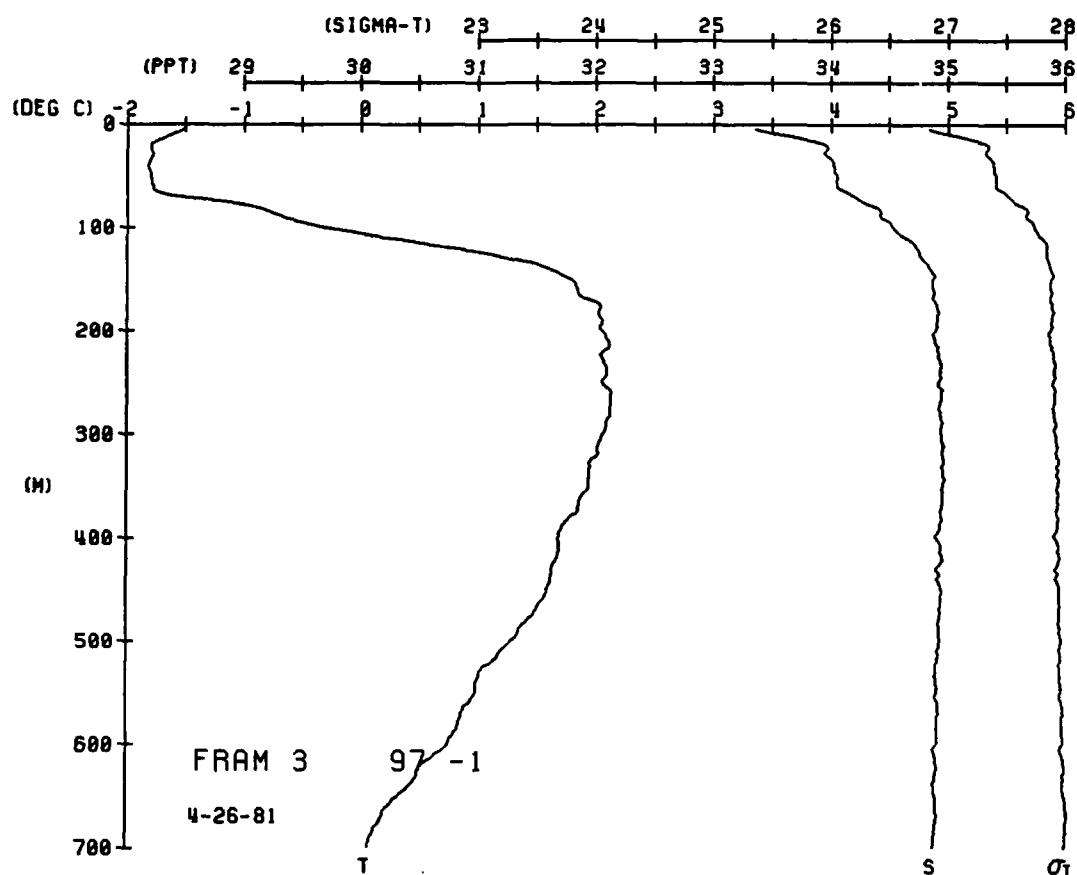
FRAM 3 STATION 96(1) CTD 25/APR/1981 2135 GMT CODE = 5
LAT = 82.0677N LNG = 5.6563E LTER = 30.0
AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	85	85	34.12	27.47	60.5	0.000	1439.5
5	85	85	34.12	27.47	60.5	0.003	1439.6
10	85	85	34.12	27.47	60.5	0.006	1439.7
15	85	85	34.12	27.47	60.5	0.012	1439.8
20	85	85	34.12	27.47	60.5	0.015	1439.9
25	85	85	34.12	27.47	60.5	0.019	1440.0
30	85	85	34.12	27.47	60.5	0.022	1440.1
35	85	85	34.12	27.47	60.5	0.025	1440.2
40	85	85	34.12	27.47	60.5	0.028	1440.3
45	85	85	34.12	27.47	60.5	0.031	1440.4
50	85	85	34.12	27.47	60.5	0.034	1440.5
55	85	85	34.12	27.47	60.5	0.037	1440.6
60	85	85	34.12	27.47	60.5	0.040	1440.7
65	85	85	34.12	27.47	60.5	0.043	1440.8
70	85	85	34.12	27.47	60.5	0.045	1440.9
75	85	85	34.12	27.47	60.5	0.048	1441.0
80	85	85	34.12	27.47	60.5	0.050	1441.1
85	85	85	34.12	27.47	60.5	0.052	1441.2
90	85	85	34.12	27.47	60.5	0.054	1441.3
95	85	85	34.12	27.47	60.5	0.056	1441.4
100	85	85	34.12	27.47	60.5	0.058	1441.5
105	85	85	34.12	27.47	60.5	0.060	1441.6
110	85	85	34.12	27.47	60.5	0.062	1441.7
115	85	85	34.12	27.47	60.5	0.064	1441.8
120	85	85	34.12	27.47	60.5	0.066	1441.9
125	85	85	34.12	27.47	60.5	0.067	1442.0
130	85	85	34.12	27.47	60.5	0.070	1442.1
135	85	85	34.12	27.47	60.5	0.073	1442.2
140	85	85	34.12	27.47	60.5	0.077	1442.3
145	85	85	34.12	27.47	60.5	0.082	1442.4
150	85	85	34.12	27.47	60.5	0.086	1442.5
155	85	85	34.12	27.47	60.5	0.090	1442.6
160	85	85	34.12	27.47	60.5	0.093	1442.7
165	85	85	34.12	27.47	60.5	0.097	1442.8
170	85	85	34.12	27.47	60.5	0.099	1442.9
175	85	85	34.12	27.47	60.5	0.101	1443.0
180	85	85	34.12	27.47	60.5	0.103	1443.1
185	85	85	34.12	27.47	60.5	0.106	1443.2
190	85	85	34.12	27.47	60.5	0.108	1443.3
195	85	85	34.12	27.47	60.5	0.110	1443.4
200	85	85	34.12	27.47	60.5	0.112	1443.5
205	85	85	34.12	27.47	60.5	0.113	1443.6
210	85	85	34.12	27.47	60.5	0.115	1443.7
215	85	85	34.12	27.47	60.5	0.117	1443.8
220	85	85	34.12	27.47	60.5	0.119	1443.9
225	85	85	34.12	27.47	60.5	0.120	1444.0
230	85	85	34.12	27.47	60.5	0.122	1444.1
235	85	85	34.12	27.47	60.5	0.123	1444.2
240	85	85	34.12	27.47	60.5	0.125	1444.3
245	85	85	34.12	27.47	60.5	0.127	1444.4
250	85	85	34.12	27.47	60.5	0.128	1444.5
255	85	85	34.12	27.47	60.5	0.130	1444.6
260	85	85	34.12	27.47	60.5	0.131	1444.7
265	85	85	34.12	27.47	60.5	0.133	1444.8
270	85	85	34.12	27.47	60.5	0.134	1444.9
275	85	85	34.12	27.47	60.5	0.136	1445.0
280	85	85	34.12	27.47	60.5	0.137	1445.1



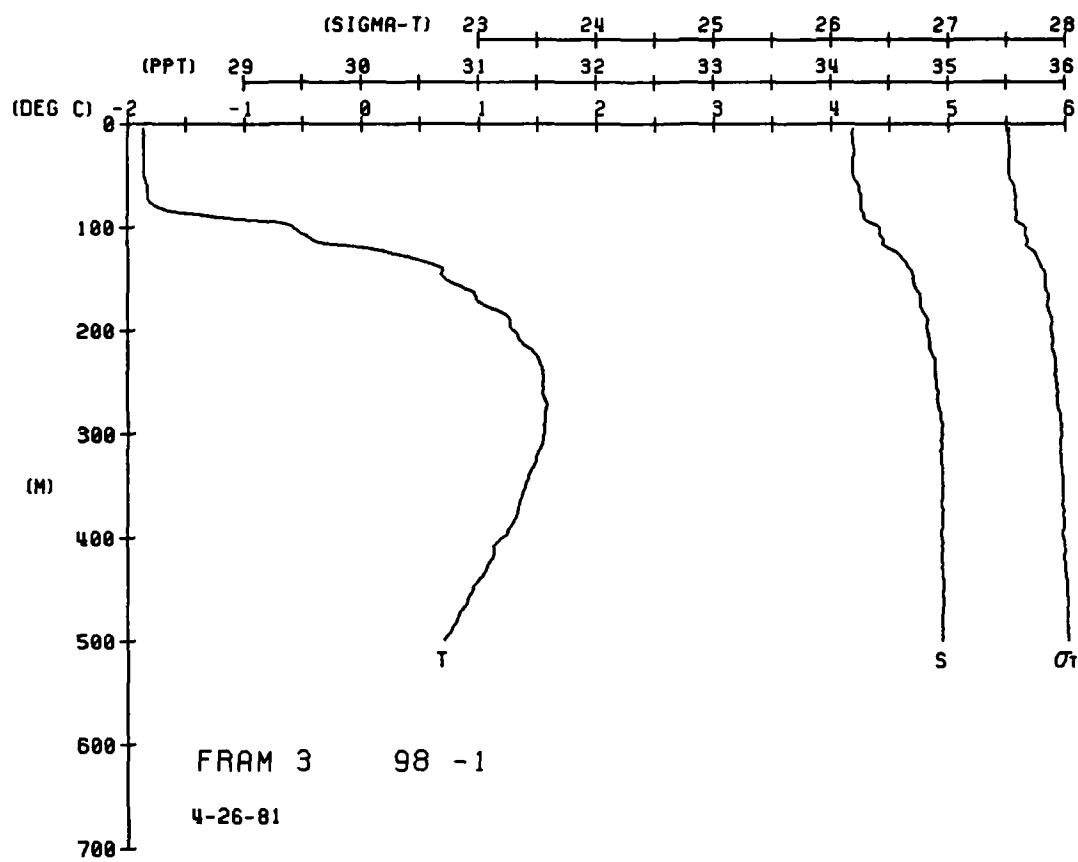
FRAM 3 STATION 97(1) CTD 26/APR/1981 1202 GMT CODE = 5
 LAT = 82.0052N LNG = 5.5963E LTER = 30
 AIR TEMP = 0.0 HARUM = 0.0 WIND = 0.0 SPEED = 0.0

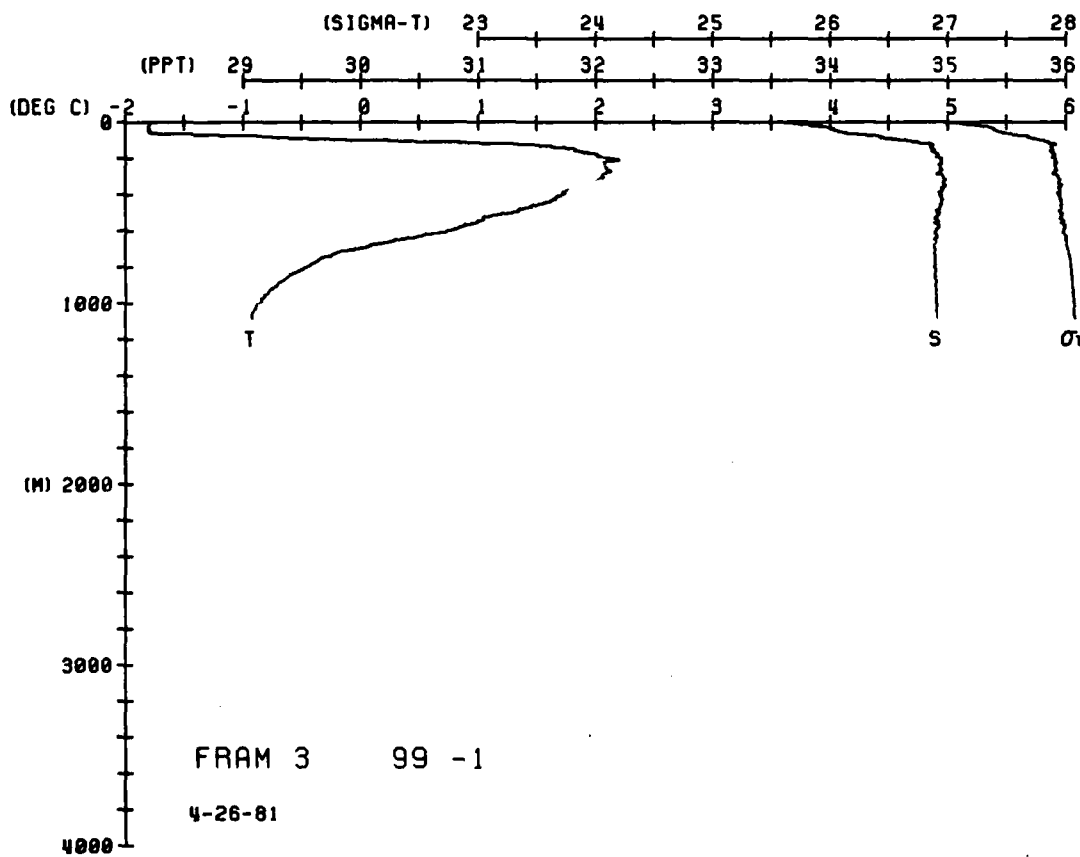
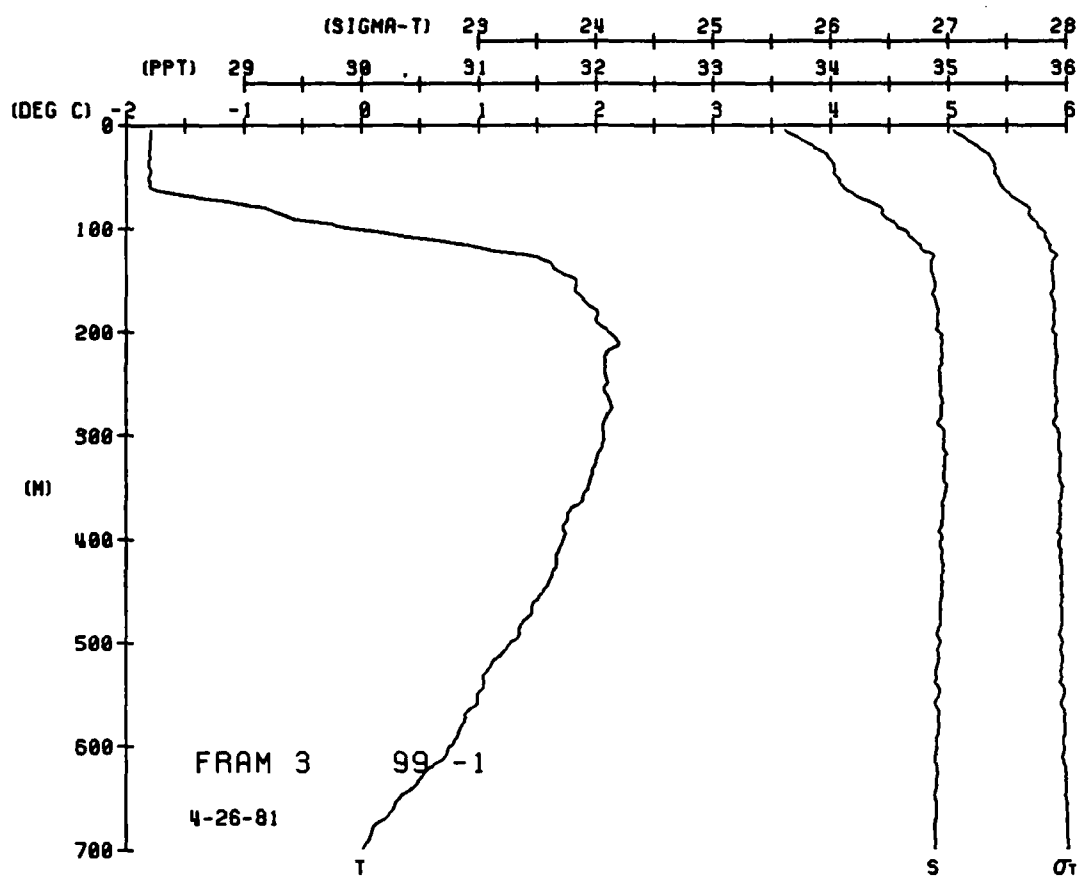
DEPTH	TEMP	PTMP	SALIN	SIG T	SPVOL	DYHWT	SOUND	DEPTH	TEMP	PTMP	SALIN	SIG T	SPVOL	DYHWT	SOUND
0	4.9	1.49	33.3	26.6	12.3	0.000	1440.0	710.0	0.04	0.01	34.88	28.01	9.5	0.170	1461.1
5	5.1	1.51	33.3	26.6	12.3	0.005	1440.1	790.0	-0.23	0.02	34.88	28.02	7.5	0.170	1460.5
10	5.2	1.52	33.3	26.6	12.3	0.010	1440.2	840.0	-0.42	0.03	34.88	28.03	5.5	0.175	1460.6
15	5.3	1.53	33.3	26.6	12.3	0.015	1440.3	890.0	-0.59	0.04	34.88	28.04	3.5	0.175	1460.7
20	5.4	1.54	33.3	26.6	12.3	0.020	1440.4	940.0	-0.78	0.05	34.88	28.05	1.5	0.177	1460.8
25	5.5	1.55	33.3	26.6	12.3	0.025	1440.5	990.0	-0.88	0.06	34.88	28.06	0.2	0.177	1460.9
30	5.6	1.56	33.3	26.6	12.3	0.030	1440.6	1040.0	-0.95	0.07	34.88	28.07	0.0	0.177	1461.0
35	5.7	1.57	33.3	26.6	12.3	0.035	1440.7	1090.0	-0.97	0.08	34.88	28.08	0.0	0.176	1463.1
40	5.8	1.58	33.3	26.6	12.3	0.040	1440.8		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
45	5.9	1.59	33.3	26.6	12.3	0.045	1440.9		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
50	6.0	1.60	33.3	26.6	12.3	0.050	1441.0		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
55	6.1	1.61	33.3	26.6	12.3	0.055	1441.1		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
60	6.2	1.62	33.3	26.6	12.3	0.060	1441.2		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
65	6.3	1.63	33.3	26.6	12.3	0.065	1441.3		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
70	6.4	1.64	33.3	26.6	12.3	0.070	1441.4		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
75	6.5	1.65	33.3	26.6	12.3	0.075	1441.5		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
80	6.6	1.66	33.3	26.6	12.3	0.080	1441.6		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
85	6.7	1.67	33.3	26.6	12.3	0.085	1441.7		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
90	6.8	1.68	33.3	26.6	12.3	0.090	1441.8		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
95	6.9	1.69	33.3	26.6	12.3	0.095	1441.9		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
100	7.0	1.70	33.3	26.6	12.3	0.100	1442.0		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
105	7.1	1.71	33.3	26.6	12.3	0.105	1442.1		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
110	7.2	1.72	33.3	26.6	12.3	0.110	1442.2		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
115	7.3	1.73	33.3	26.6	12.3	0.115	1442.3		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
120	7.4	1.74	33.3	26.6	12.3	0.120	1442.4		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
125	7.5	1.75	33.3	26.6	12.3	0.125	1442.5		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
130	7.6	1.76	33.3	26.6	12.3	0.130	1442.6		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
135	7.7	1.77	33.3	26.6	12.3	0.135	1442.7		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
140	7.8	1.78	33.3	26.6	12.3	0.140	1442.8		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
145	7.9	1.79	33.3	26.6	12.3	0.145	1442.9		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
150	8.0	1.80	33.3	26.6	12.3	0.150	1443.0		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
155	8.1	1.81	33.3	26.6	12.3	0.155	1443.1		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
160	8.2	1.82	33.3	26.6	12.3	0.160	1443.2		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
165	8.3	1.83	33.3	26.6	12.3	0.165	1443.3		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
170	8.4	1.84	33.3	26.6	12.3	0.170	1443.4		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
175	8.5	1.85	33.3	26.6	12.3	0.175	1443.5		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
180	8.6	1.86	33.3	26.6	12.3	0.180	1443.6		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
185	8.7	1.87	33.3	26.6	12.3	0.185	1443.7		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
190	8.8	1.88	33.3	26.6	12.3	0.190	1443.8		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
195	8.9	1.89	33.3	26.6	12.3	0.195	1443.9		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
200	9.0	1.90	33.3	26.6	12.3	0.200	1444.0		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
205	9.1	1.91	33.3	26.6	12.3	0.205	1444.1		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
210	9.2	1.92	33.3	26.6	12.3	0.210	1444.2		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
215	9.3	1.93	33.3	26.6	12.3	0.215	1444.3		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
220	9.4	1.94	33.3	26.6	12.3	0.220	1444.4		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
225	9.5	1.95	33.3	26.6	12.3	0.225	1444.5		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
230	9.6	1.96	33.3	26.6	12.3	0.230	1444.6		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
235	9.7	1.97	33.3	26.6	12.3	0.235	1444.7		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
240	9.8	1.98	33.3	26.6	12.3	0.240	1444.8		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
245	9.9	1.99	33.3	26.6	12.3	0.245	1444.9		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
250	10.0	2.00	33.3	26.6	12.3	0.250	1445.0		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
255	10.1	2.01	33.3	26.6	12.3	0.255	1445.1		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
260	10.2	2.02	33.3	26.6	12.3	0.260	1445.2		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
265	10.3	2.03	33.3	26.6	12.3	0.265	1445.3		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
270	10.4	2.04	33.3	26.6	12.3	0.270	1445.4		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
275	10.5	2.05	33.3	26.6	12.3	0.275	1445.5		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
280	10.6	2.06	33.3	26.6	12.3	0.280	1445.6		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
285	10.7	2.07	33.3	26.6	12.3	0.285	1445.7		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
290	10.8	2.08	33.3	26.6	12.3	0.290	1445.8		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
295	10.9	2.09	33.3	26.6	12.3	0.295	1445.9		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
300	11.0	2.10	33.3	26.6	12.3	0.300	1446.0		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
305	11.1	2.11	33.3	26.6	12.3	0.305	1446.1		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
310	11.2	2.12	33.3	26.6	12.3	0.310	1446.2		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
315	11.3	2.13	33.3	26.6	12.3	0.315	1446.3		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
320	11.4	2.14	33.3	26.6	12.3	0.320	1446.4		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
325	11.5	2.15	33.3	26.6	12.3	0.325	1446.5		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
330	11.6	2.16	33.3	26.6	12.3	0.330	1446.6		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
335	11.7	2.17	33.3	26.6	12.3	0.335	1446.7		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
340	11.8	2.18	33.3	26.6	12.3	0.340	1446.8		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
345	11.9	2.19	33.3	26.6	12.3	0.345	1446.9		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
350	12.0	2.20	33.3	26.6	12.3	0.350	1447.0		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
355	12.1	2.21	33.3	26.6	12.3	0.355	1447.1		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
360	12.2	2.22	33.3	26.6	12.3	0.360	1447.2		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
365	12.3	2.23	33.3	26.6	12.3	0.365	1447.3		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
370	12.4	2.24	33.3	26.6	12.3	0.370	1447.4		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
375	12.5	2.25	33.3	26.6	12.3	0.375	1447.5		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
380	12.6	2.26	33.3	26.6	12.3	0.380	1447.6		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
385	12.7	2.27	33.3	26.6	12.3	0.385	1447.7		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
390	12.8	2.28	33.3	26.6	12.3	0.390	1447.8		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
395	12.9	2.29	33.3	26.6	12.3	0.395	1447.9		-0.99	0.09	34.88	28.09	0.0	0.176	1463.1
400	13.0	2.30	33.3	26.6	12.3	0.400	1448.0		-0.99	0.09	34.88	28.09	0.0		



FRAM 3 STATION 98(1) CTD 26/APR/1981 1210 GMT CODE = 5
 LAT = 81.4933N LNG = 5.5150E LTER = 300 LGR = 300
 AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	87	87	34.19	27.52	55.2	0.000	1439.5
5	87	87	34.19	27.52	55.2	0.002	1439.6
10	86	86	34.19	27.52	55.2	0.006	1439.7
15	86	86	34.19	27.52	55.2	0.011	1439.8
20	86	86	34.19	27.52	55.2	0.017	1439.9
25	86	86	34.19	27.52	55.2	0.022	1440.0
30	86	86	34.19	27.52	55.2	0.028	1440.1
35	86	86	34.19	27.52	55.2	0.030	1440.2
40	86	86	34.19	27.52	55.2	0.033	1440.3
45	86	86	34.19	27.52	55.2	0.036	1440.4
50	86	86	34.19	27.52	55.2	0.038	1440.5
55	86	86	34.19	27.52	55.2	0.041	1440.6
60	86	86	34.19	27.52	55.2	0.043	1440.7
65	86	86	34.19	27.52	55.2	0.046	1440.8
70	86	86	34.19	27.52	55.2	0.051	1440.9
75	86	86	34.19	27.52	55.2	0.057	1441.0
80	86	86	34.19	27.52	55.2	0.061	1441.1
85	86	86	34.19	27.52	55.2	0.065	1441.2
90	86	86	34.19	27.52	55.2	0.070	1441.3
95	86	86	34.19	27.52	55.2	0.076	1441.4
100	86	86	34.19	27.52	55.2	0.080	1441.5
105	86	86	34.19	27.52	55.2	0.083	1441.6
110	86	86	34.19	27.52	55.2	0.085	1441.7
115	86	86	34.19	27.52	55.2	0.087	1441.8
120	86	86	34.19	27.52	55.2	0.089	1441.9
125	86	86	34.19	27.52	55.2	0.091	1442.0
130	86	86	34.19	27.52	55.2	0.093	1442.1
135	86	86	34.19	27.52	55.2	0.094	1442.2
140	86	86	34.19	27.52	55.2	0.096	1442.3
145	86	86	34.19	27.52	55.2	0.098	1442.4
150	86	86	34.19	27.52	55.2	0.099	1442.5
155	86	86	34.19	27.52	55.2	0.101	1442.6
160	86	86	34.19	27.52	55.2	0.102	1442.7
165	86	86	34.19	27.52	55.2	0.104	1442.8
170	86	86	34.19	27.52	55.2	0.105	1442.9
175	86	86	34.19	27.52	55.2	0.107	1443.0
180	86	86	34.19	27.52	55.2	0.109	1443.1
185	86	86	34.19	27.52	55.2	0.111	1443.2
190	86	86	34.19	27.52	55.2	0.112	1443.3
195	86	86	34.19	27.52	55.2	0.113	1443.4
200	86	86	34.19	27.52	55.2	0.114	1443.5
205	86	86	34.19	27.52	55.2	0.116	1443.6
210	86	86	34.19	27.52	55.2	0.117	1443.7
215	86	86	34.19	27.52	55.2	0.118	1443.8
220	86	86	34.19	27.52	55.2	0.119	1443.9
225	86	86	34.19	27.52	55.2	0.120	1444.0
230	86	86	34.19	27.52	55.2	0.122	1444.1
235	86	86	34.19	27.52	55.2	0.123	1444.2
240	86	86	34.19	27.52	55.2	0.124	1444.3
245	86	86	34.19	27.52	55.2	0.125	1444.4
250	86	86	34.19	27.52	55.2	0.125	1444.5



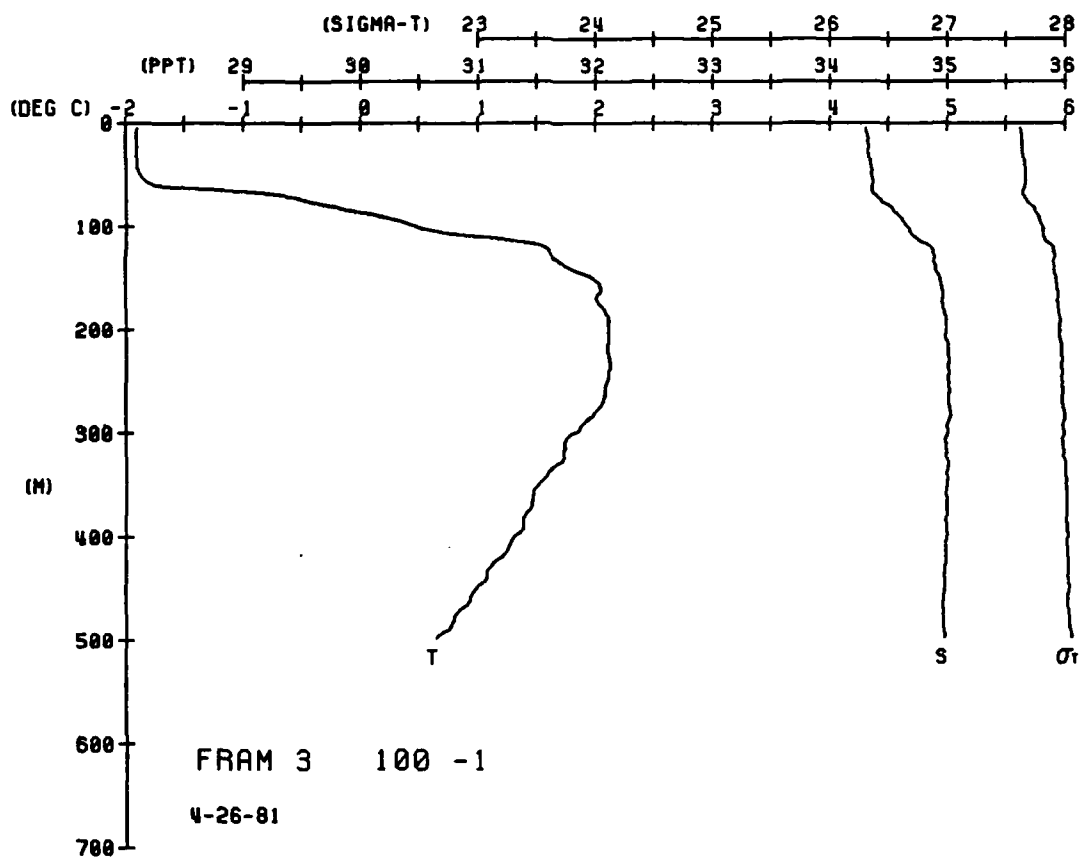


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FRAM 3 STATION 100(1) CTD 26/APR/1981 1320 GMT CUDEL = 5
LAY = W1.3517N LNG = 5.5803E ULEN = 300. LGR = 300.
RAIN TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

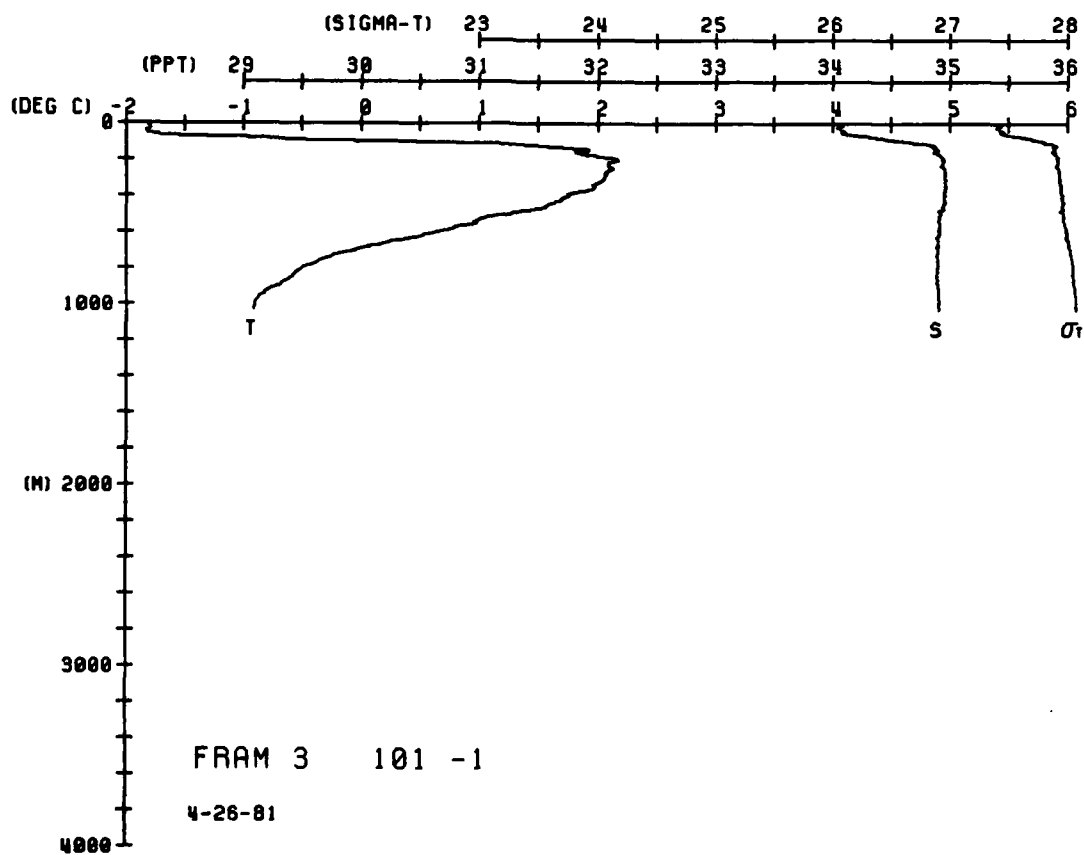
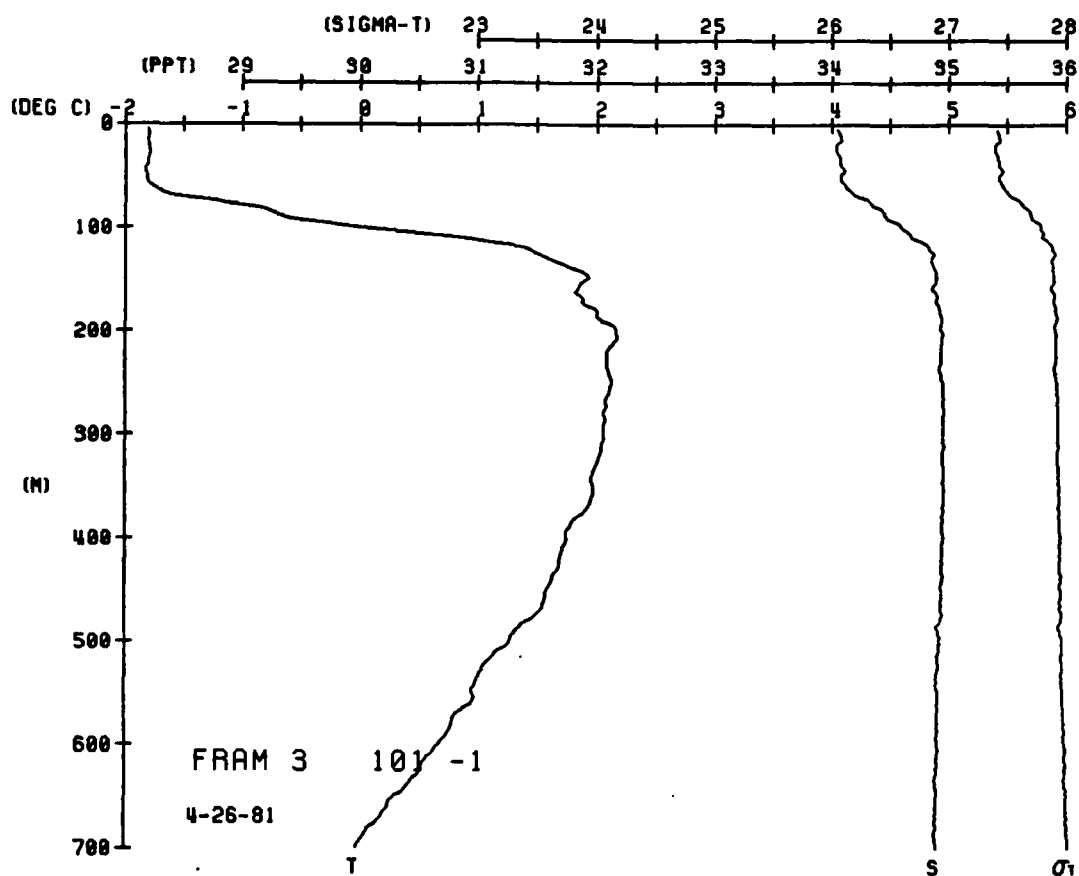
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DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNT	SOUND
0	1.89	1.89	34.31	27.63	45.5	0.000	1439.5
5	1.90	1.90	34.32	27.63	45.5	0.002	1439.6
10	1.90	1.90	34.33	27.64	45.5	0.005	1439.7
15	1.90	1.90	34.33	27.64	45.5	0.009	1439.8
20	1.90	1.91	34.35	27.65	45.5	0.011	1439.9
25	1.90	1.91	34.35	27.66	45.5	0.016	1440.0
30	1.89	1.90	34.35	27.66	45.5	0.022	1440.1
35	1.87	1.87	34.36	27.66	45.5	0.024	1440.2
40	1.84	1.84	34.36	27.66	45.5	0.026	1440.3
45	1.84	1.85	34.36	27.66	45.5	0.030	1440.4
50	1.87	1.87	34.40	27.65	45.5	0.033	1440.5
55	1.87	1.87	34.43	27.65	45.5	0.035	1440.6
60	1.87	1.87	34.43	27.65	45.5	0.036	1440.7
65	1.87	1.87	34.43	27.65	45.5	0.040	1440.8
70	1.87	1.87	34.43	27.65	45.5	0.041	1440.9
75	1.87	1.87	34.43	27.65	45.5	0.044	1441.0
80	1.87	1.87	34.43	27.65	45.5	0.046	1441.1
85	1.87	1.87	34.43	27.65	45.5	0.048	1441.2
90	1.87	1.87	34.43	27.65	45.5	0.050	1441.3
95	1.87	1.87	34.43	27.65	45.5	0.052	1441.4
100	1.87	1.87	34.43	27.65	45.5	0.056	1441.5
105	1.87	1.87	34.43	27.65	45.5	0.059	1441.6
110	1.87	1.87	34.43	27.65	45.5	0.062	1441.7
115	1.87	1.87	34.43	27.65	45.5	0.064	1441.8
120	1.87	1.87	34.43	27.65	45.5	0.067	1441.9
125	1.87	1.87	34.43	27.65	45.5	0.069	1442.0
130	1.87	1.87	34.43	27.65	45.5	0.071	1442.1
135	1.87	1.87	34.43	27.65	45.5	0.073	1442.2
140	1.87	1.87	34.43	27.65	45.5	0.075	1442.3
145	1.87	1.87	34.43	27.65	45.5	0.077	1442.4
150	1.87	1.87	34.43	27.65	45.5	0.079	1442.5
155	1.87	1.87	34.43	27.65	45.5	0.080	1442.6
160	1.87	1.87	34.43	27.65	45.5	0.082	1442.7
165	1.87	1.87	34.43	27.65	45.5	0.083	1442.8
170	1.87	1.87	34.43	27.65	45.5	0.085	1442.9
175	1.87	1.87	34.43	27.65	45.5	0.087	1443.0
180	1.87	1.87	34.43	27.65	45.5	0.088	1443.1
185	1.87	1.87	34.43	27.65	45.5	0.089	1443.2
190	1.87	1.87	34.43	27.65	45.5	0.090	1443.3
195	1.87	1.87	34.43	27.65	45.5	0.091	1443.4
200	1.87	1.87	34.43	27.65	45.5	0.093	1443.5
205	1.87	1.87	34.43	27.65	45.5	0.094	1443.6
210	1.87	1.87	34.43	27.65	45.5	0.095	1443.7
215	1.87	1.87	34.43	27.65	45.5	0.096	1443.8
220	1.87	1.87	34.43	27.65	45.5	0.097	1443.9
225	1.87	1.87	34.43	27.65	45.5	0.098	1444.0
230	1.87	1.87	34.43	27.65	45.5	0.099	1444.1
235	1.87	1.87	34.43	27.65	45.5	0.100	1444.2
240	1.87	1.87	34.43	27.65	45.5	0.101	1444.3
245	1.87	1.87	34.43	27.65	45.5	0.102	1444.



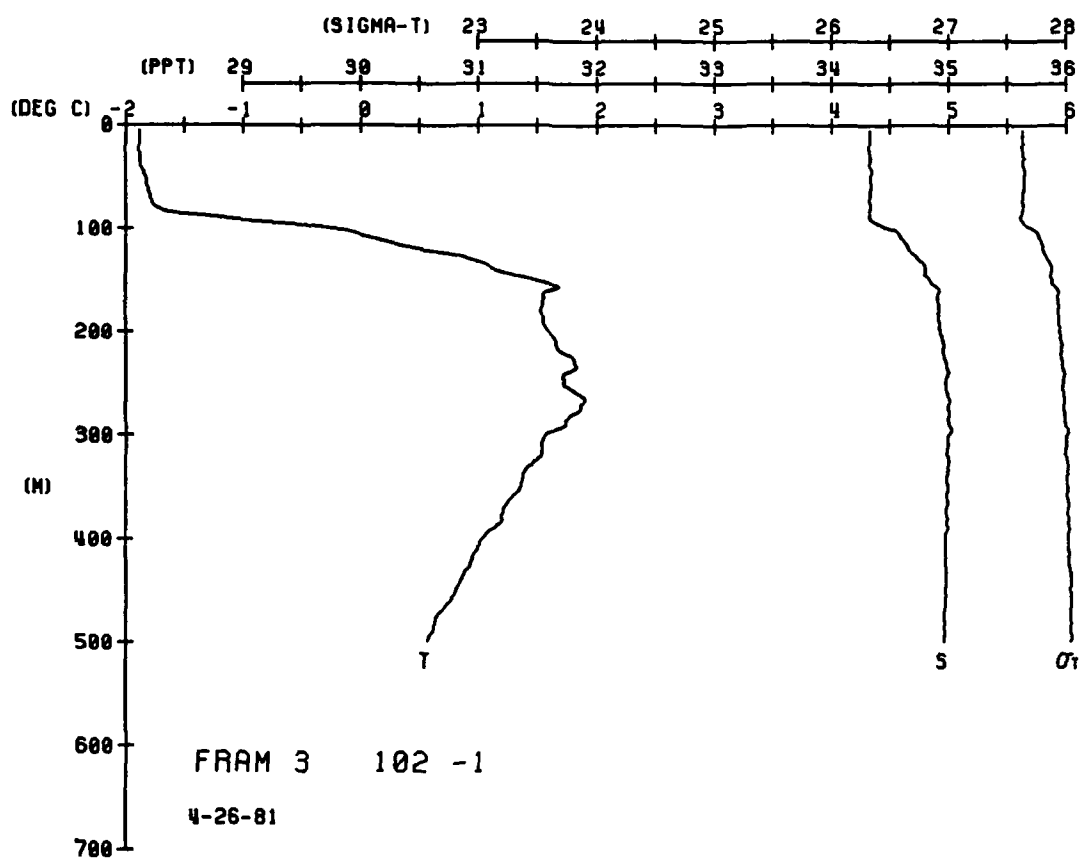
FRAM 3 STATION 101(1) CTD 26/APR/1981 1419 GMT CODE = 5
 LAT = 81.9945N LNG = 5.5827E LTK = 30. LGR = 30.
 AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	80	80	34.00	27.41	66.2	0.003	1439.9	710.0	-0.10	-0.13	34.90	28.03	7.0	0.154	1460.5
5	80	80	34.00	27.41	66.2	0.003	1439.9	740.0	-0.26	-0.29	34.89	28.03	9.4	0.156	1460.3
10	80	80	34.00	27.41	66.2	0.003	1439.9	840.0	-0.46	-0.49	34.90	28.05	3.8	0.159	1460.3
15	80	80	34.00	27.41	66.2	0.003	1439.9	940.0	-0.57	-0.61	34.90	28.06	3.8	0.163	1460.9
20	80	80	34.00	27.41	66.2	0.003	1439.9	940.0	-0.54	-0.58	34.90	28.06	1.4	0.164	1461.1
25	80	80	34.00	27.41	66.2	0.003	1439.9	940.0	-0.80	-0.84	34.90	28.07	0.4	0.164	1461.2
30	80	80	34.00	27.41	66.2	0.003	1439.9	1033.2	-0.91	-0.95	34.91	28.07	0.4	0.164	1462.2
35	80	80	34.00	27.41	66.2	0.003	1439.9								
40	80	80	34.00	27.41	66.2	0.003	1439.9								
45	80	80	34.00	27.41	66.2	0.003	1439.9								
50	80	80	34.00	27.41	66.2	0.003	1439.9								
55	80	80	34.00	27.41	66.2	0.003	1439.9								
60	80	80	34.00	27.41	66.2	0.003	1439.9								
65	80	80	34.00	27.41	66.2	0.003	1439.9								
70	80	80	34.00	27.41	66.2	0.003	1439.9								
75	80	80	34.00	27.41	66.2	0.003	1439.9								
80	80	80	34.00	27.41	66.2	0.003	1439.9								
85	80	80	34.00	27.41	66.2	0.003	1439.9								
90	80	80	34.00	27.41	66.2	0.003	1439.9								
95	80	80	34.00	27.41	66.2	0.003	1439.9								
100	80	80	34.00	27.41	66.2	0.003	1439.9								
105	80	80	34.00	27.41	66.2	0.003	1439.9								
110	80	80	34.00	27.41	66.2	0.003	1439.9								
115	80	80	34.00	27.41	66.2	0.003	1439.9								
120	80	80	34.00	27.41	66.2	0.003	1439.9								
125	80	80	34.00	27.41	66.2	0.003	1439.9								
130	80	80	34.00	27.41	66.2	0.003	1439.9								
135	80	80	34.00	27.41	66.2	0.003	1439.9								
140	80	80	34.00	27.41	66.2	0.003	1439.9								
145	80	80	34.00	27.41	66.2	0.003	1439.9								
150	80	80	34.00	27.41	66.2	0.003	1439.9								
155	80	80	34.00	27.41	66.2	0.003	1439.9								
160	80	80	34.00	27.41	66.2	0.003	1439.9								
165	80	80	34.00	27.41	66.2	0.003	1439.9								
170	80	80	34.00	27.41	66.2	0.003	1439.9								
175	80	80	34.00	27.41	66.2	0.003	1439.9								
180	80	80	34.00	27.41	66.2	0.003	1439.9								
185	80	80	34.00	27.41	66.2	0.003	1439.9								
190	80	80	34.00	27.41	66.2	0.003	1439.9								
195	80	80	34.00	27.41	66.2	0.003	1439.9								
200	80	80	34.00	27.41	66.2	0.003	1439.9								
205	80	80	34.00	27.41	66.2	0.003	1439.9								
210	80	80	34.00	27.41	66.2	0.003	1439.9								
215	80	80	34.00	27.41	66.2	0.003	1439.9								
220	80	80	34.00	27.41	66.2	0.003	1439.9								
225	80	80	34.00	27.41	66.2	0.003	1439.9								
230	80	80	34.00	27.41	66.2	0.003	1439.9								
235	80	80	34.00	27.41	66.2	0.003	1439.9								
240	80	80	34.00	27.41	66.2	0.003	1439.9								
245	80	80	34.00	27.41	66.2	0.003	1439.9								
250	80	80	34.00	27.41	66.2	0.003	1439.9								
255	80	80	34.00	27.41	66.2	0.003	1439.9								
260	80	80	34.00	27.41	66.2	0.003	1439.9								
265	80	80	34.00	27.41	66.2	0.003	1439.9								
270	80	80	34.00	27.41	66.2	0.003	1439.9								
275	80	80	34.00	27.41	66.2	0.003	1439.9								
280	80	80	34.00	27.41	66.2	0.003	1439.9								
285	80	80	34.00	27.41	66.2	0.003	1439.9								
290	80	80	34.00	27.41	66.2	0.003	1439.9								
295	80	80	34.00	27.41	66.2	0.003	1439.9								
300	80	80	34.00	27.41	66.2	0.003	1439.9								
305	80	80	34.00	27.41	66.2	0.003	1439.9								
310	80	80	34.00	27.41	66.2	0.003	1439.9								
315	80	80	34.00	27.41	66.2	0.003	1439.9								
320	80	80	34.00	27.41	66.2	0.003	1439.9								
325	80	80	34.00	27.41	66.2	0.003	1439.9								
330	80	80	34.00	27.41	66.2	0.003	1439.9								
335	80	80	34.00	27.41	66.2	0.003	1439.9								
340	80	80	34.00	27.41	66.2	0.003	1439.9								
345	80	80	34.00	27.41	66.2	0.003	1439.9								
350	80	80	34.00	27.41	66.2	0.003	1439.9								
355	80	80	34.00	27.41	66.2	0.003	1439.9								
360	80	80	34.00	27.41	66.2	0.003	1439.9								
365	80	80	34.00	27.41	66.2	0.003	1439.9								
370	80	80	34.00	27.41	66.2	0.003	1439.9								
375	80	80	34.00	27.41	66.2	0.003	1439.9								
380	80	80	34.00	27.41	66.2	0.003	1439.9								
385	80	80	34.00	27.41	66.2	0.003	1439.9								
390	80	80	34.00	27.41	66.2	0.003	1439.9								
395	80	80	34.00	27.41	66.2	0.003	1439.9								
400	80	80	34.00	27.41	66.2	0.003	1439.9								
405	80	80	34.00	27.41	66.2	0.003	1439.9								
410	80	80	34.00	27.41	66.2	0.003	1439.9								
415	80	80	34.00	27.41	66.2	0.003	1439.9								
420	80	80	34.00	27.41	66.2	0.003	1439.9								
425	80	80	34.00	27.41	66.2	0.003	1439.9								
430	80	80	34.00	27.41	66.2	0.003	1439.9								
435	80	80	34.00	27.41	66.2	0.003	1439.9								
440	80	80	34.00	27.41	66.2	0.003	1439.9								
445	80	80	34.00	27.41	66.2	0.003	1439.9								
450	80	80	34.00	27.41	66.2	0.003	1439.9								
455	80	80	34.00	27.41	66.2	0.003	1439.9								
460	80	80	34.00	27.41	66.2	0.003	1439.9								
465	80	80	34.00	27.41	66.2	0.003	1439.9								
470	80	80	34.00	27.41	66.2	0.003	1439.9								
475	80	80	34.00	27.41	66.2	0.003	1439.9								
480	80	80	34.00	27.41	66.2	0.003	1439.9								
485	80	80	34.00	27.41	66.2	0.003	1439.9								
490	80	80	34.00	27.41	66.2	0.003	1439.9								
495	80	80	34.00	27.41	66.2	0.003	1439.9								
500	80	80	34.00	27.41	66.2	0.003	1439.9								

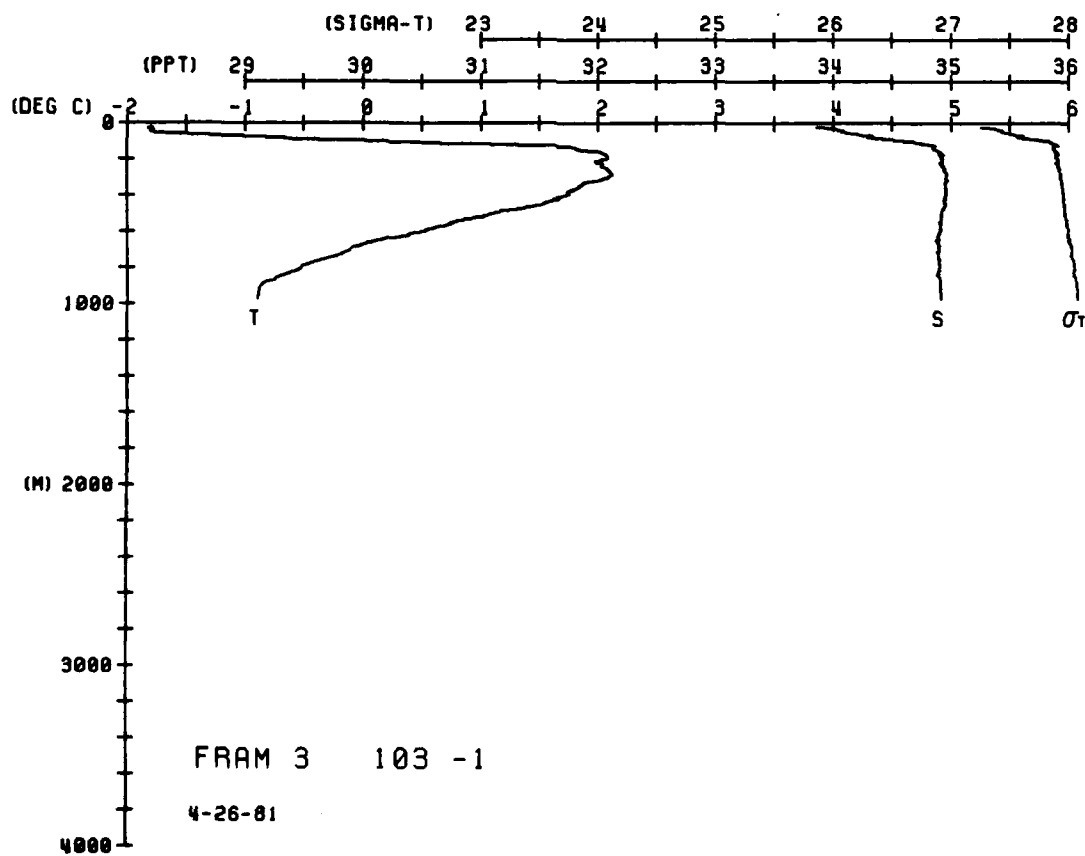
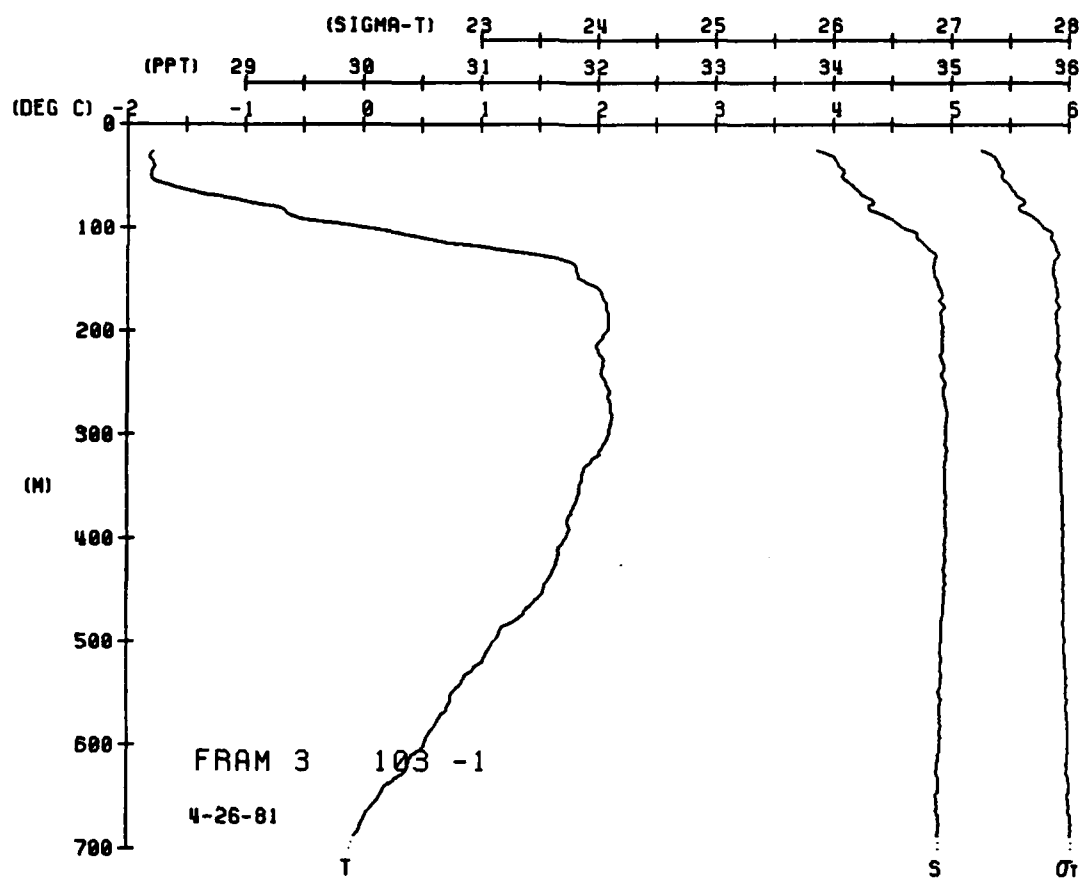


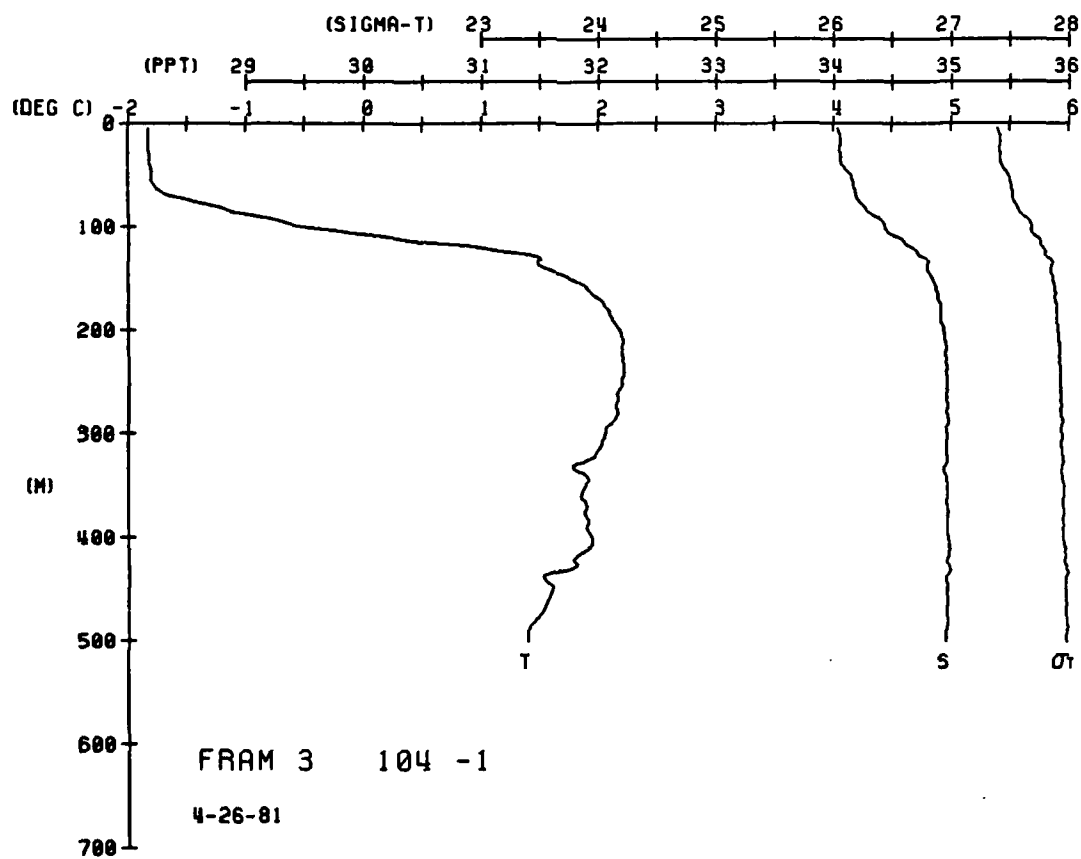
STATION 102(1) CTD 26/APR/1981 1431 GMT CODE = 5
LAT = 80.8533N LNG = 5.5950E LTER = 380 LGER = 300
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	1.88	1.88	33.3	21.63	44.7	0.000	1439.6
0	1.88	1.88	33.3	21.63	44.7	0.002	1439.7
0	1.88	1.88	33.3	21.63	44.6	0.005	1439.8
10	1.88	1.88	33.3	21.64	44.4	0.007	1439.9
20	1.88	1.88	33.3	21.64	44.4	0.009	1440.0
30	1.88	1.88	33.3	21.64	44.4	0.011	1440.1
40	1.88	1.88	33.3	21.65	44.3	0.018	1440.2
50	1.88	1.88	33.3	21.65	44.3	0.020	1440.3
60	1.88	1.88	33.3	21.65	44.3	0.022	1440.4
70	1.88	1.88	33.3	21.65	44.3	0.027	1440.5
80	1.88	1.88	33.3	21.64	44.3	0.029	1440.6
90	1.88	1.88	33.3	21.64	44.3	0.033	1440.7
100	1.88	1.88	33.3	21.64	44.3	0.035	1440.8
110	1.88	1.88	33.3	21.64	44.3	0.038	1440.9
120	1.88	1.88	33.3	21.65	44.3	0.042	1441.0
130	1.88	1.88	33.3	21.65	44.3	0.044	1441.1
140	1.88	1.88	33.3	21.65	44.3	0.048	1441.2
150	1.88	1.88	33.3	21.65	44.3	0.053	1441.3
160	1.88	1.88	33.3	21.65	44.3	0.058	1441.4
170	1.88	1.88	33.3	21.65	44.3	0.060	1441.5
180	1.88	1.88	33.3	21.65	44.3	0.063	1441.6
190	1.88	1.88	33.3	21.65	44.3	0.065	1441.7
200	1.88	1.88	33.3	21.65	44.3	0.068	1441.8
210	1.88	1.88	33.3	21.65	44.3	0.069	1441.9
220	1.88	1.88	33.3	21.65	44.3	0.073	1442.0
230	1.88	1.88	33.3	21.65	44.3	0.076	1442.1
240	1.88	1.88	33.3	21.65	44.3	0.077	1442.2
250	1.88	1.88	33.3	21.65	44.3	0.079	1442.3
260	1.88	1.88	33.3	21.65	44.3	0.081	1442.4
270	1.88	1.88	33.3	21.65	44.3	0.084	1442.5
280	1.88	1.88	33.3	21.65	44.3	0.086	1442.6
290	1.88	1.88	33.3	21.65	44.3	0.087	1442.7
300	1.88	1.88	33.3	21.65	44.3	0.089	1442.8
310	1.88	1.88	33.3	21.65	44.3	0.090	1442.9
320	1.88	1.88	33.3	21.65	44.3	0.092	1443.0
330	1.88	1.88	33.3	21.65	44.3	0.093	1443.1
340	1.88	1.88	33.3	21.65	44.3	0.095	1443.2
350	1.88	1.88	33.3	21.65	44.3	0.096	1443.3
360	1.88	1.88	33.3	21.65	44.3	0.097	1443.4
370	1.88	1.88	33.3	21.65	44.3	0.097	1443.5
380	1.88	1.88	33.3	21.65	44.3	0.097	1443.6
390	1.88	1.88	33.3	21.65	44.3	0.097	1443.7
400	1.88	1.88	33.3	21.65	44.3	0.097	1443.8
410	1.88	1.88	33.3	21.65	44.3	0.097	1443.9
420	1.88	1.88	33.3	21.65	44.3	0.097	1444.0
430	1.88	1.88	33.3	21.65	44.3	0.097	1444.1
440	1.88	1.88	33.3	21.65	44.3	0.097	1444.2
450	1.88	1.88	33.3	21.65	44.3	0.097	1444.3
460	1.88	1.88	33.3	21.65	44.3	0.097	1444.4
470	1.88	1.88	33.3	21.65	44.3	0.097	1444.5
480	1.88	1.88	33.3	21.65	44.3	0.097	1444.6
490	1.88	1.88	33.3	21.65	44.3	0.097	1444.7
500	1.88	1.88	33.3	21.65	44.3	0.097	1444.8
510	1.88	1.88	33.3	21.65	44.3	0.097	1444.9
520	1.88	1.88	33.3	21.65	44.3	0.097	1445.0
530	1.88	1.88	33.3	21.65	44.3	0.097	1445.1
540	1.88	1.88	33.3	21.65	44.3	0.097	1445.2
550	1.88	1.88	33.3	21.65	44.3	0.097	1445.3
560	1.88	1.88	33.3	21.65	44.3	0.097	1445.4
570	1.88	1.88	33.3	21.65	44.3	0.097	1445.5
580	1.88	1.88	33.3	21.65	44.3	0.097	1445.6
590	1.88	1.88	33.3	21.65	44.3	0.097	1445.7
600	1.88	1.88	33.3	21.65	44.3	0.097	1445.8
610	1.88	1.88	33.3	21.65	44.3	0.097	1445.9
620	1.88	1.88	33.3	21.65	44.3	0.097	1446.0
630	1.88	1.88	33.3	21.65	44.3	0.097	1446.1
640	1.88	1.88	33.3	21.65	44.3	0.097	1446.2
650	1.88	1.88	33.3	21.65	44.3	0.097	1446.3
660	1.88	1.88	33.3	21.65	44.3	0.097	1446.4
670	1.88	1.88	33.3	21.65	44.3	0.097	1446.5
680	1.88	1.88	33.3	21.65	44.3	0.097	1446.6
690	1.88	1.88	33.3	21.65	44.3	0.097	1446.7
700	1.88	1.88	33.3	21.65	44.3	0.097	1446.8
710	1.88	1.88	33.3	21.65	44.3	0.097	1446.9
720	1.88	1.88	33.3	21.65	44.3	0.097	1447.0
730	1.88	1.88	33.3	21.65	44.3	0.097	1447.1
740	1.88	1.88	33.3	21.65	44.3	0.097	1447.2
750	1.88	1.88	33.3	21.65	44.3	0.097	1447.3
760	1.88	1.88	33.3	21.65	44.3	0.097	1447.4
770	1.88	1.88	33.3	21.65	44.3	0.097	1447.5
780	1.88	1.88	33.3	21.65	44.3	0.097	1447.6
790	1.88	1.88	33.3	21.65	44.3	0.097	1447.7
800	1.88	1.88	33.3	21.65	44.3	0.097	1447.8
810	1.88	1.88	33.3	21.65	44.3	0.097	1447.9
820	1.88	1.88	33.3	21.65	44.3	0.097	1448.0
830	1.88	1.88	33.3	21.65	44.3	0.097	1448.1
840	1.88	1.88	33.3	21.65	44.3	0.097	1448.2
850	1.88	1.88	33.3	21.65	44.3	0.097	1448.3
860	1.88	1.88	33.3	21.65	44.3	0.097	1448.4
870	1.88	1.88	33.3	21.65	44.3	0.097	1448.5
880	1.88	1.88	33.3	21.65	44.3	0.097	1448.6
890	1.88	1.88	33.3	21.65	44.3	0.097	1448.7
900	1.88	1.88	33.3	21.65	44.3	0.097	1448.8
910	1.88	1.88	33.3	21.65	44.3	0.097	1448.9
920	1.88	1.88	33.3	21.65	44.3	0.097	1449.0
930	1.88	1.88	33.3	21.65	44.3	0.097	1449.1
940	1.88	1.88	33.3	21.65	44.3	0.097	1449.2
950	1.88	1.88	33.3	21.65	44.3	0.097	1449.3
960	1.88	1.88	33.3	21.65	44.3	0.097	1449.4
970	1.88	1.88	33.3	21.65	44.3	0.097	1449.5
980	1.88	1.88	33.3	21.65	44.3	0.097	1449.6
990	1.88	1.88	33.3	21.65	44.3	0.097	1449.7
1000	1.88	1.88	33.3	21.65	44.3	0.097	1449.8



FROM 3 STATION 103(1) CTD 26/APR/1981 2042 GMT CUDE = 5 LAT = 81.9693N LONG = 5.5552E LTER = 30. UGER = 30. AIR TEMP = 0.0 HANUM = 0.0 WIND = 0.0 SPEED = 0.0															
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.000000	1.79	1.79	33.80	27.26	80.4	0.000	1439.4	110.0	-0.13	-0.15	34.89	28.03	7.2	0.157	1460.3
5.000000	1.79	1.79	33.80	27.26	80.3	0.008	1439.5	740.0	-0.25	-0.28	34.90	28.03	6.1	0.159	1460.3
15.000000	1.79	1.79	33.80	27.26	80.3	0.012	1439.6	790.0	-0.49	-0.52	34.90	28.03	5.0	0.161	1460.1
25.000000	1.79	1.79	33.80	27.26	80.3	0.020	1439.8	840.0	-0.64	-0.68	34.91	28.08	3.9	0.164	1460.1
35.000000	1.82	1.82	33.89	27.39	70.7	0.024	1439.9	890.0	-0.84	-0.88	34.92	28.08	-0.3	0.164	1460.1
45.000000	1.77	1.78	34.05	27.77	66.1	0.028	1440.2	940.0	-0.88	-0.92	34.92	28.08	-0.3	0.164	1461.4
55.000000	1.80	1.80	34.09	27.43	63.8	0.034	1440.4								
65.000000	1.87	1.87	34.41	27.46	60.4	0.037	1440.8								
75.000000	1.92	1.92	34.77	27.53	56.8	0.041	1441.6								
85.000000	1.97	1.97	34.77	27.57	53.5	0.044	1442.9								
95.000000	1.97	1.97	34.77	27.57	50.5	0.046	1445.1								
100.000000	1.97	1.97	34.77	27.57	45.4	0.049	1445.1								
110.000000	1.97	1.97	34.77	27.57	45.4	0.051	1445.1								
120.000000	1.97	1.97	34.77	27.57	38.7	0.054	1446.3								
130.000000	1.97	1.97	34.77	27.57	33.4	0.058	1447.4								
140.000000	1.97	1.97	34.77	27.57	30.4	0.060	1448.8								
150.000000	1.97	1.97	34.77	27.57	28.0	0.062	1450.5								
160.000000	1.97	1.97	34.77	27.57	22.1	0.067	1456.8								
170.000000	1.97	1.97	34.77	27.57	22.1	0.069	1458.8								
180.000000	1.97	1.97	34.77	27.57	22.1	0.071	1459.0								
190.000000	1.97	1.97	34.77	27.57	22.1	0.073	1460.9								
200.000000	1.97	1.97	34.77	27.57	20.7	0.076	1461.5								
210.000000	1.97	1.97	34.77	27.57	20.5	0.080	1461.7								
220.000000	1.97	1.97	34.77	27.57	19.5	0.082	1461.8								
230.000000	1.97	1.97	34.77	27.57	19.0	0.086	1461.8								
240.000000	1.97	1.97	34.77	27.57	19.0	0.090	1462.2								
250.000000	1.97	1.97	34.77	27.57	18.3	0.092	1462.7								
260.000000	1.97	1.97	34.77	27.57	17.5	0.094	1462.9								
270.000000	1.97	1.97	34.77	27.57	17.2	0.098	1463.4								
280.000000	1.97	1.97	34.77	27.57	17.2	0.099	1463.5								
290.000000	1.97	1.97	34.77	27.57	17.2	0.103	1463.5								
300.000000	1.97	1.97	34.77	27.57	17.2	0.105	1463.5								
310.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
320.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
330.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
340.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
350.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
360.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
370.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
380.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
390.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
400.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
410.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
420.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
430.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
440.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
450.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
460.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
470.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
480.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
490.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								
500.000000	1.97	1.97	34.77	27.57	17.2	0.106	1463.5								





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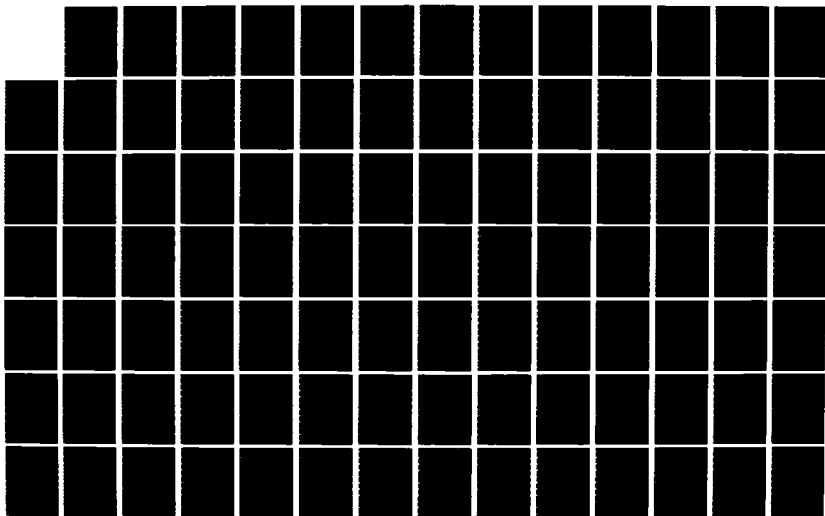
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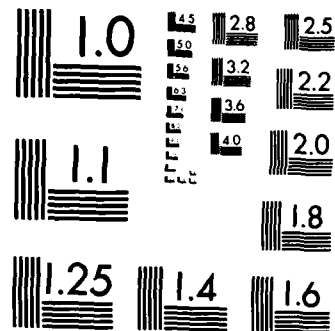
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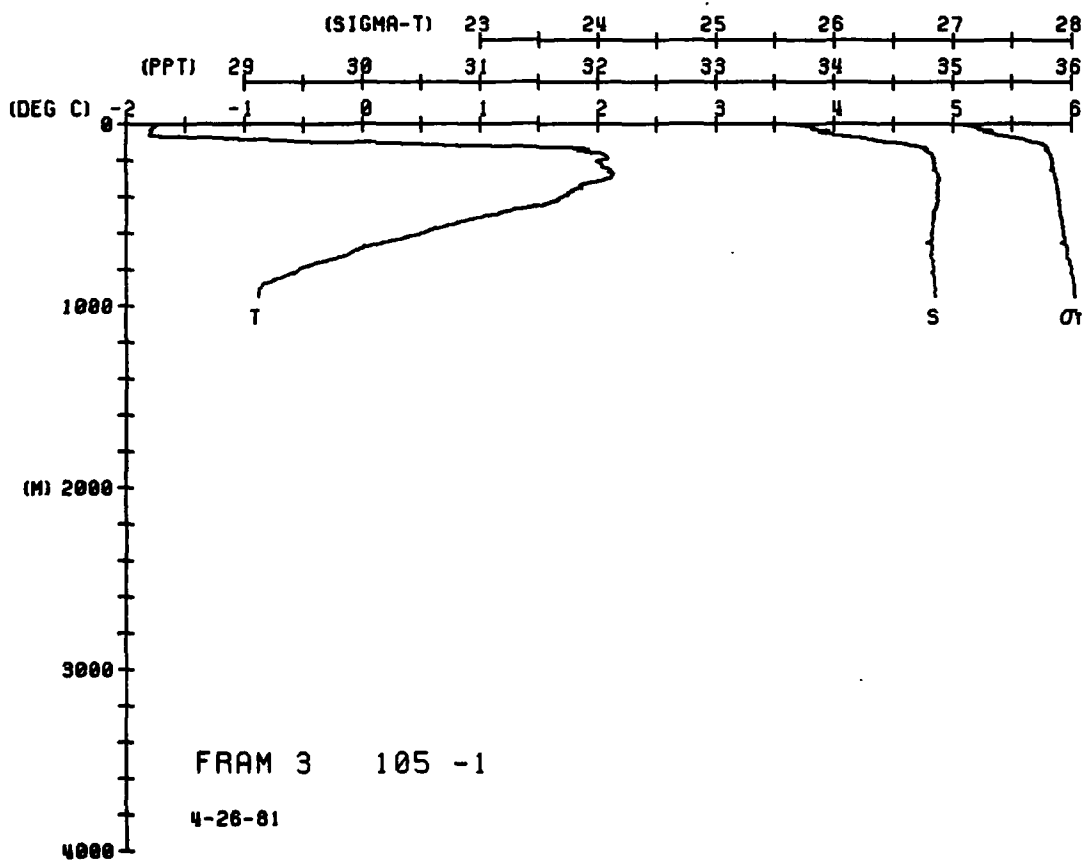
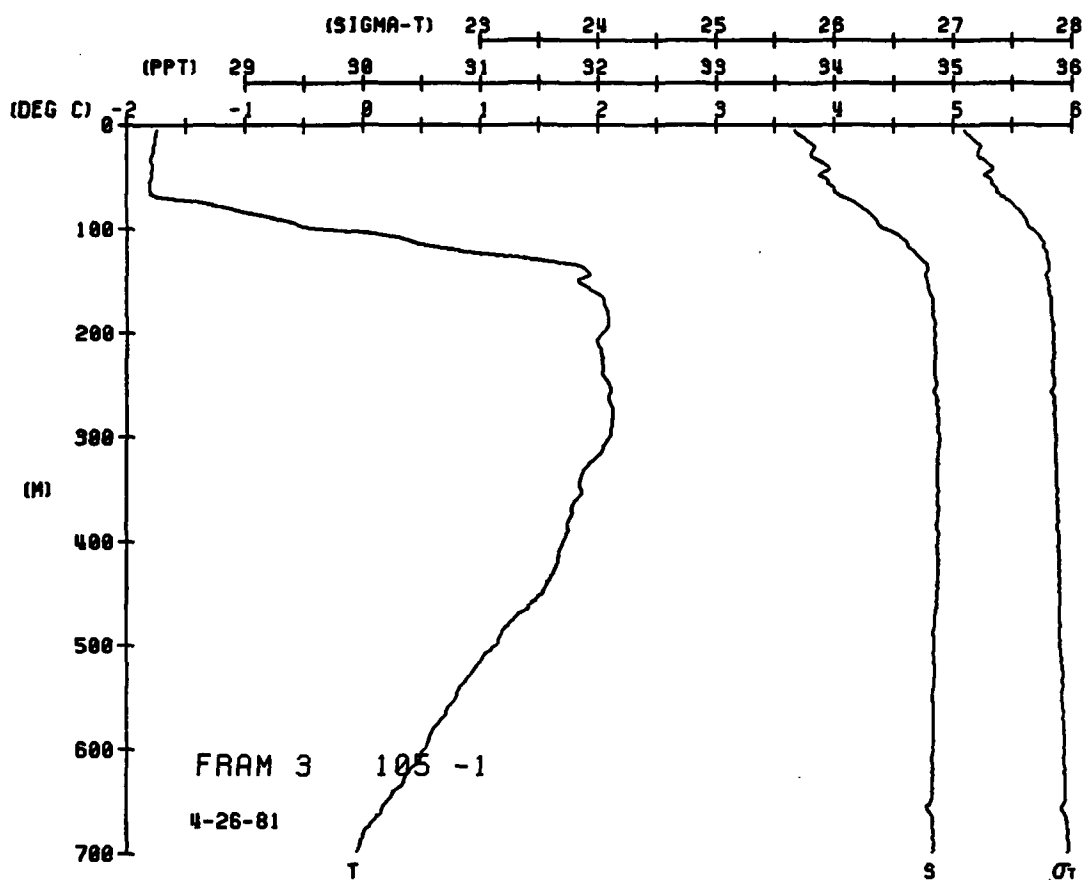




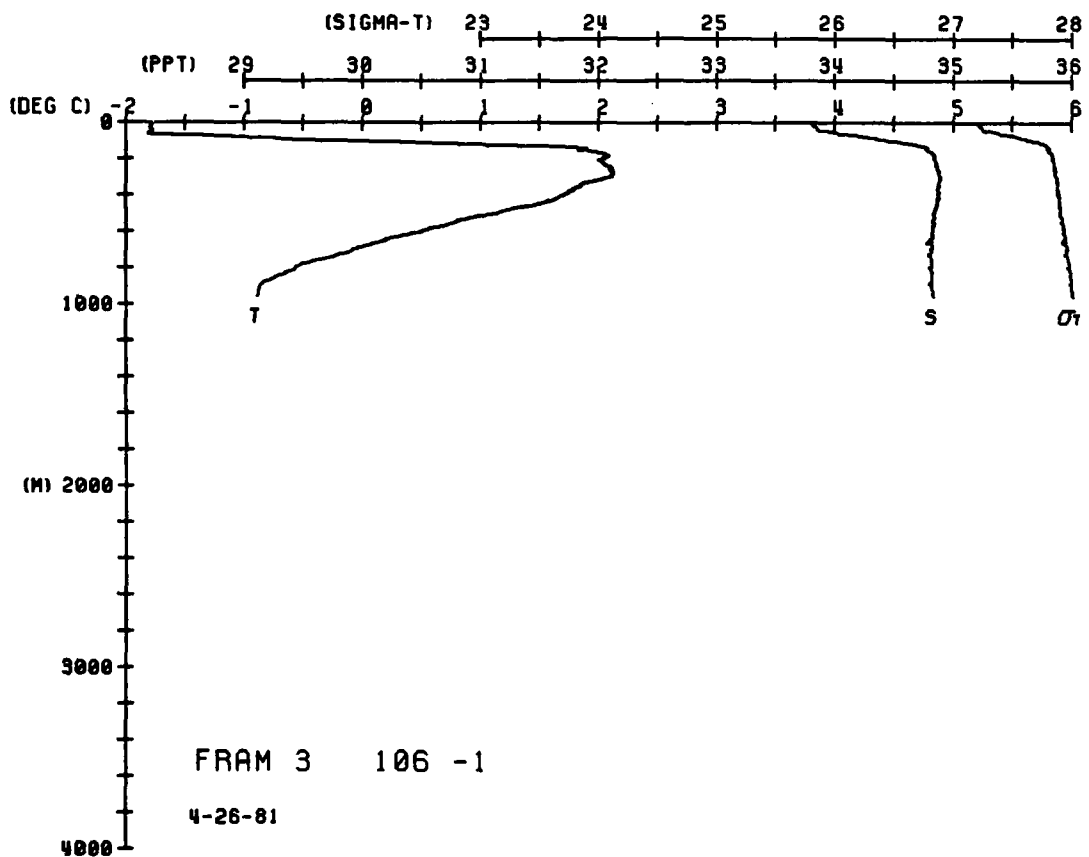
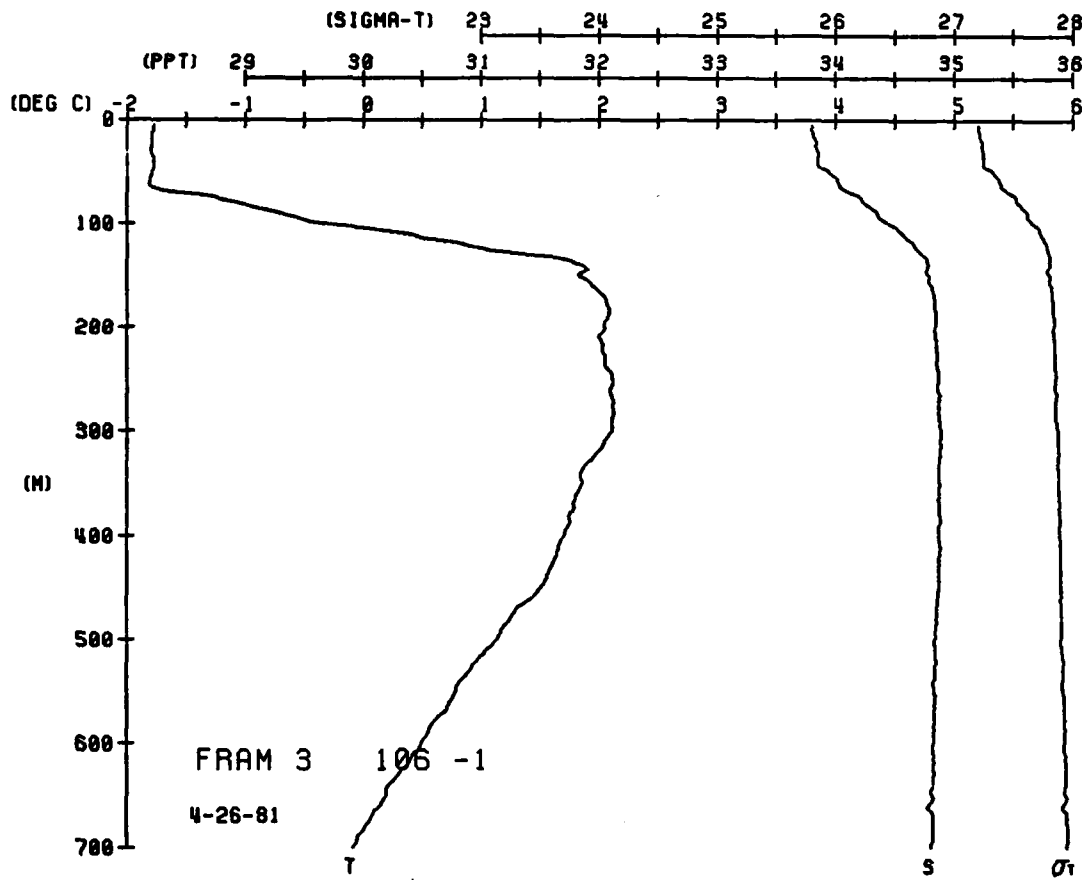
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

FRAM 3 STATION 105(1) CTD 26/APR/1981 2131 GMT CODE = 5
 LAT = 81.9650N LNC = S.5282E LTER = 30 LGEN = 30
 AIR TEMP = 0.0 WIND = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	7.4	1.74	33.6	27.08	96.7	0.004	143.3	710.0	-0.13	-0.13	34.82	27.97	12.5	0.206	1460.4
0.5	7.4	1.74	33.6	27.10	96.5	0.005	143.3	710.0	-0.23	-0.23	34.82	27.97	11.9	0.210	1460.4
1.0	7.4	1.74	33.6	27.19	96.1	0.014	143.3	710.0	-0.53	-0.53	34.84	28.00	8.5	0.215	1459.9
1.5	7.5	1.76	33.3	27.19	95.7	0.014	143.3	840.0	-0.69	-0.69	34.85	28.03	6.9	0.219	1460.1
2.0	7.7	1.77	33.3	27.22	95.3	0.023	143.3	840.0	-0.88	-0.88	34.85	28.03	5.4	0.224	1460.1
2.5	7.7	1.77	33.3	27.23	95.0	0.031	143.3	840.0	-0.92	-0.92	34.85	28.03	4.7	0.224	1460.1
3.0	7.7	1.77	33.3	27.23	94.8	0.033	143.3	953.5	-0.88	-0.88	34.87	28.04	3.8	0.225	1461.0
3.5	7.7	1.77	33.3	27.23	94.6	0.042	143.3								
4.0	7.7	1.77	33.3	27.23	94.5	0.057	143.3								
4.5	7.7	1.77	33.3	27.23	94.5	0.070	143.3								
5.0	7.7	1.77	33.3	27.23	94.5	0.076	143.3								
5.5	7.7	1.77	33.3	27.23	94.5	0.082	143.3								
6.0	7.7	1.77	33.3	27.23	94.5	0.088	143.3								
6.5	7.7	1.77	33.3	27.23	94.5	0.094	143.3								
7.0	7.7	1.77	33.3	27.23	94.5	0.099	143.3								
7.5	7.7	1.77	33.3	27.23	94.5	0.104	143.3								
8.0	7.7	1.77	33.3	27.23	94.5	0.109	143.3								
8.5	7.7	1.77	33.3	27.23	94.5	0.115	143.3								
9.0	7.7	1.77	33.3	27.23	94.5	0.120	143.3								
9.5	7.7	1.77	33.3	27.23	94.5	0.125	143.3								
10.0	7.7	1.77	33.3	27.23	94.5	0.130	143.3								
10.5	7.7	1.77	33.3	27.23	94.5	0.135	143.3								
11.0	7.7	1.77	33.3	27.23	94.5	0.140	143.3								
11.5	7.7	1.77	33.3	27.23	94.5	0.145	143.3								
12.0	7.7	1.77	33.3	27.23	94.5	0.150	143.3								
12.5	7.7	1.77	33.3	27.23	94.5	0.155	143.3								
13.0	7.7	1.77	33.3	27.23	94.5	0.160	143.3								
13.5	7.7	1.77	33.3	27.23	94.5	0.165	143.3								
14.0	7.7	1.77	33.3	27.23	94.5	0.170	143.3								
14.5	7.7	1.77	33.3	27.23	94.5	0.175	143.3								
15.0	7.7	1.77	33.3	27.23	94.5	0.180	143.3								
15.5	7.7	1.77	33.3	27.23	94.5	0.185	143.3								
16.0	7.7	1.77	33.3	27.23	94.5	0.190	143.3								
16.5	7.7	1.77	33.3	27.23	94.5	0.195	143.3								
17.0	7.7	1.77	33.3	27.23	94.5	0.200	143.3								
17.5	7.7	1.77	33.3	27.23	94.5	0.205	143.3								
18.0	7.7	1.77	33.3	27.23	94.5	0.210	143.3								
18.5	7.7	1.77	33.3	27.23	94.5	0.215	143.3								
19.0	7.7	1.77	33.3	27.23	94.5	0.220	143.3								
19.5	7.7	1.77	33.3	27.23	94.5	0.225	143.3								
20.0	7.7	1.77	33.3	27.23	94.5	0.230	143.3								
20.5	7.7	1.77	33.3	27.23	94.5	0.235	143.3								
21.0	7.7	1.77	33.3	27.23	94.5	0.240	143.3								
21.5	7.7	1.77	33.3	27.23	94.5	0.245	143.3								
22.0	7.7	1.77	33.3	27.23	94.5	0.250	143.3								
22.5	7.7	1.77	33.3	27.23	94.5	0.255	143.3								
23.0	7.7	1.77	33.3	27.23	94.5	0.260	143.3								
23.5	7.7	1.77	33.3	27.23	94.5	0.265	143.3								
24.0	7.7	1.77	33.3	27.23	94.5	0.270	143.3								
24.5	7.7	1.77	33.3	27.23	94.5	0.275	143.3								
25.0	7.7	1.77	33.3	27.23	94.5	0.280	143.3								
25.5	7.7	1.77	33.3	27.23	94.5	0.285	143.3								
26.0	7.7	1.77	33.3	27.23	94.5	0.290	143.3								
26.5	7.7	1.77	33.3	27.23	94.5	0.295	143.3								
27.0	7.7	1.77	33.3	27.23	94.5	0.300	143.3								
27.5	7.7	1.77	33.3	27.23	94.5	0.305	143.3								
28.0	7.7	1.77	33.3	27.23	94.5	0.310	143.3								
28.5	7.7	1.77	33.3	27.23	94.5	0.315	143.3								
29.0	7.7	1.77	33.3	27.23	94.5	0.320	143.3								
29.5	7.7	1.77	33.3	27.23	94.5	0.325	143.3								
30.0	7.7	1.77	33.3	27.23	94.5	0.330	143.3								
30.5	7.7	1.77	33.3	27.23	94.5	0.335	143.3								
31.0	7.7	1.77	33.3	27.23	94.5	0.340	143.3								
31.5	7.7	1.77	33.3	27.23	94.5	0.345	143.3								
32.0	7.7	1.77	33.3	27.23	94.5	0.350	143.3								
32.5	7.7	1.77	33.3	27.23	94.5	0.355	143.3								
33.0	7.7	1.77	33.3	27.23	94.5	0.360	143.3								
33.5	7.7	1.77	33.3	27.23	94.5	0.365	143.3								
34.0	7.7	1.77	33.3	27.23	94.5	0.370	143.3								
34.5	7.7	1.77	33.3	27.23	94.5	0.375	143.3								
35.0	7.7	1.77	33.3	27.23	94.5	0.380	143.3								
35.5	7.7	1.77	33.3	27.23	94.5	0.385	143.3								
36.0	7.7	1.77	33.3	27.23	94.5	0.390	143.3								
36.5	7.7	1.77	33.3	27.23	94.5	0.395	143.3								
37.0	7.7	1.77	33.3	27.23	94.5	0.400	143.3								
37.5	7.7	1.77	33.3	27.23	94.5	0.405	143.3								
38.0	7.7	1.77	33.3	27.23	94.5	0.410	143.3								
38.5	7.7	1.77	33.3	27.23	94.5	0.415	143.3								
39.0	7.7	1.77	33.3	27.23	94.5	0.420	143.3								
39.5	7.7	1.77	33.3	27.23	94.5	0.425	143.3								
40.0	7.7	1.77	33.3	27.23	94.5	0.430	143.3								
40.5	7.7	1.77	33.3	27.23	94.5	0.435	143.3								
41.0	7.7	1.77	33.3	27.23	94.5	0.440	143.3								
41.5	7.7	1.77	33.3	27.23	94.5	0.445	143.3								
42.0	7.7	1.77	33.3	27.23	94.5	0.450	143.3								
42.5	7.7	1.77	33.3	27.23	94.5	0.455	143.3								
43.0	7.7	1.77	33.3	27.23	94.5	0.460	143.3								
43.5	7.7	1.77	33.3	27.23	94.5	0.465	143.3								
44.0	7.7	1.77	33.3	27.23	94.5	0.470	143.3								
44.5	7.7	1.77	33.3	27.23	94.5	0.475	143.3								
45.0	7.7	1.77	33.3	27.23	94.5	0.480	143.3								
45.5	7.7	1.77	33.3	27.23	94.5	0.485	143.3								
46.0	7.7	1.77	33.3	27.23	94.5	0.490	143.3								
46.5	7.7	1.77	33.3	27.23	94.5	0.495	143.3								
47.0	7.7	1.77	33.3	27.23	94.5	0.500	143.3								
47.5	7.7	1.77	33.3	27.23	94.5	0.505	143.3								
48.0	7.7	1.77	33.3	27.23	94.5	0.510	143.3								
48.5	7.7	1.77	33.3	27.23	94.5	0.515	143.3								
49.0	7.7	1.77	33.3	27.23	94.5	0.520	143.3								
49.5	7.7	1.77	33.3	27.23	94.5	0.525	143.3								
50.0	7.7	1.77	33.3	27.23	94.5	0.530	143.3								
50.5	7.7	1.77	33.3	27.23	94.5	0.535	143.3								
51.0	7.7	1.77	33.3	27.23	94.5	0.540	143.3								
51.5	7.7	1.77	33.3	27.23	94.5	0.545	143.3								
52.0	7.7	1.77	33.3	27.23	94.5	0.550	143.3								
52.5	7.7	1.77	33.3	27.23	94.5	0.555	143.3								
53.0	7.7	1.77	33.3												

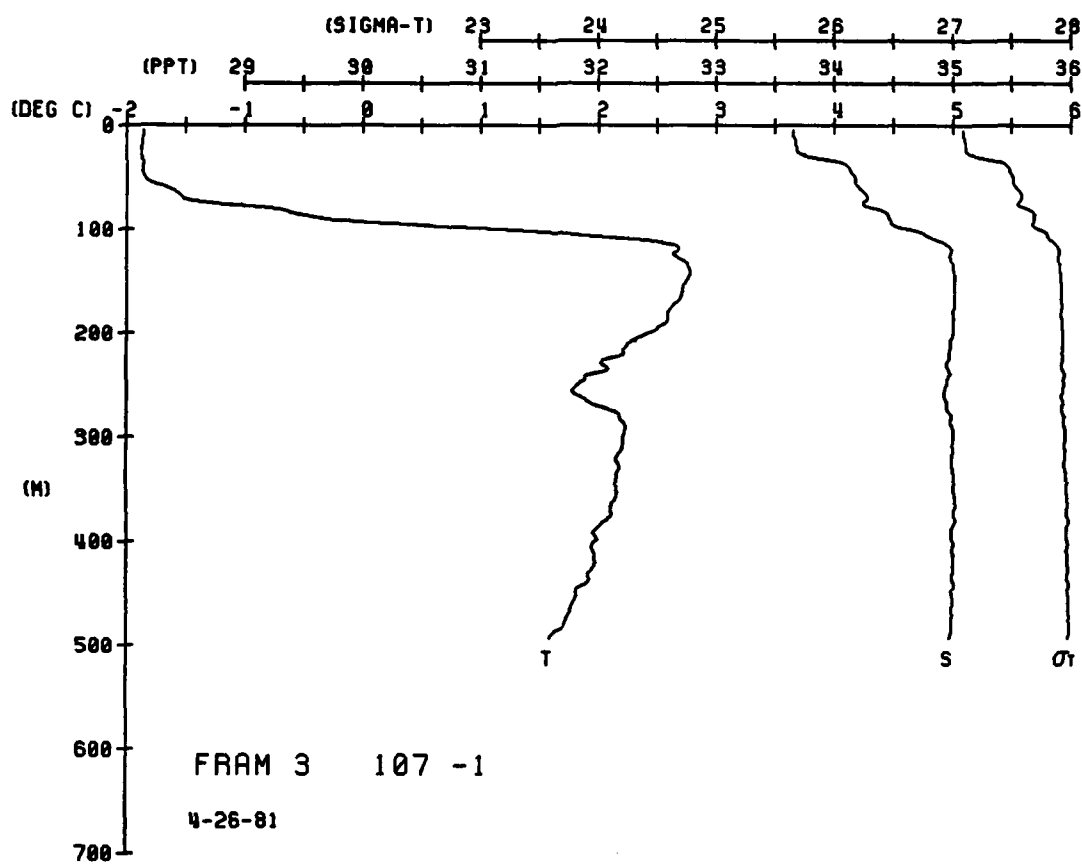


DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVL	DYNHT	SOUND
0.00	-1.77	-1.77	33.80	27.21	12.9	0.202	1460.4
10.00	-1.77	-1.77	33.80	27.21	12.9	0.206	1460.7
20.00	-1.77	-1.77	33.80	27.21	19.5	0.216	1459.8
30.00	-1.77	-1.77	33.80	27.21	7.9	0.222	1460.0
40.00	-1.77	-1.77	33.80	27.21	7.9	0.225	1461.0
50.00	-1.78	-1.79	33.84	27.24	5.5	0.225	1461.7



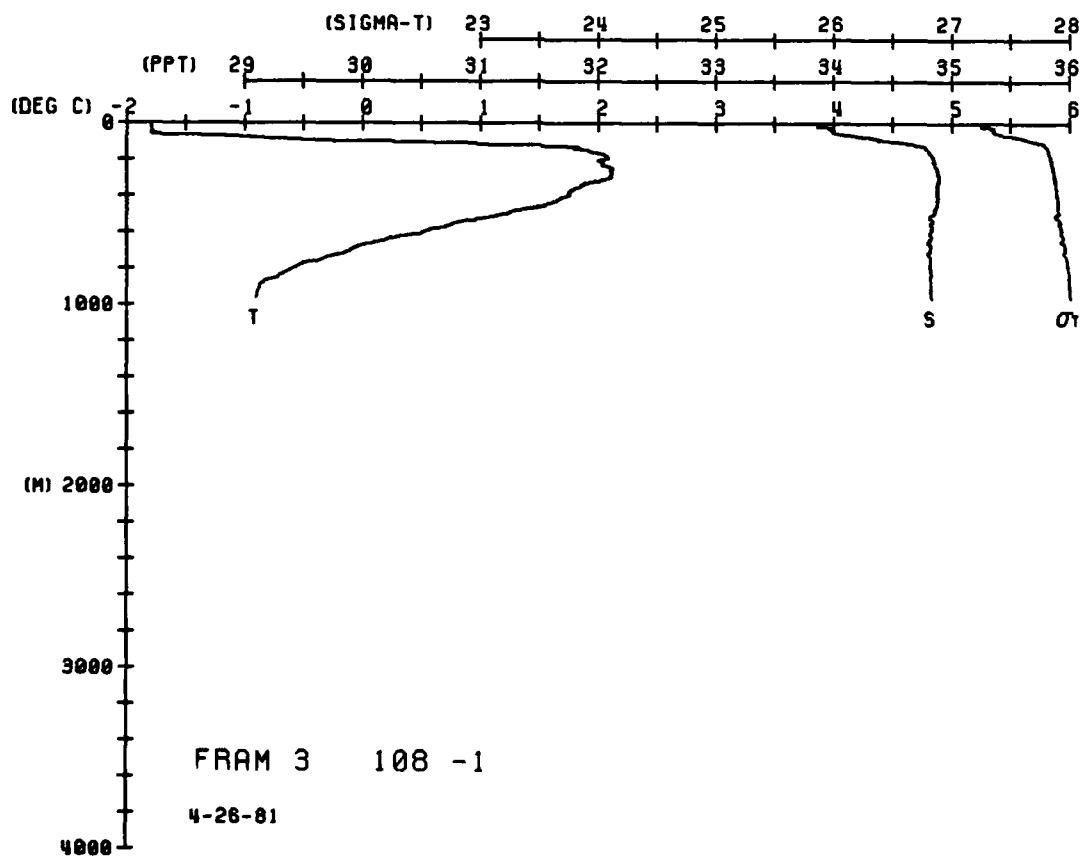
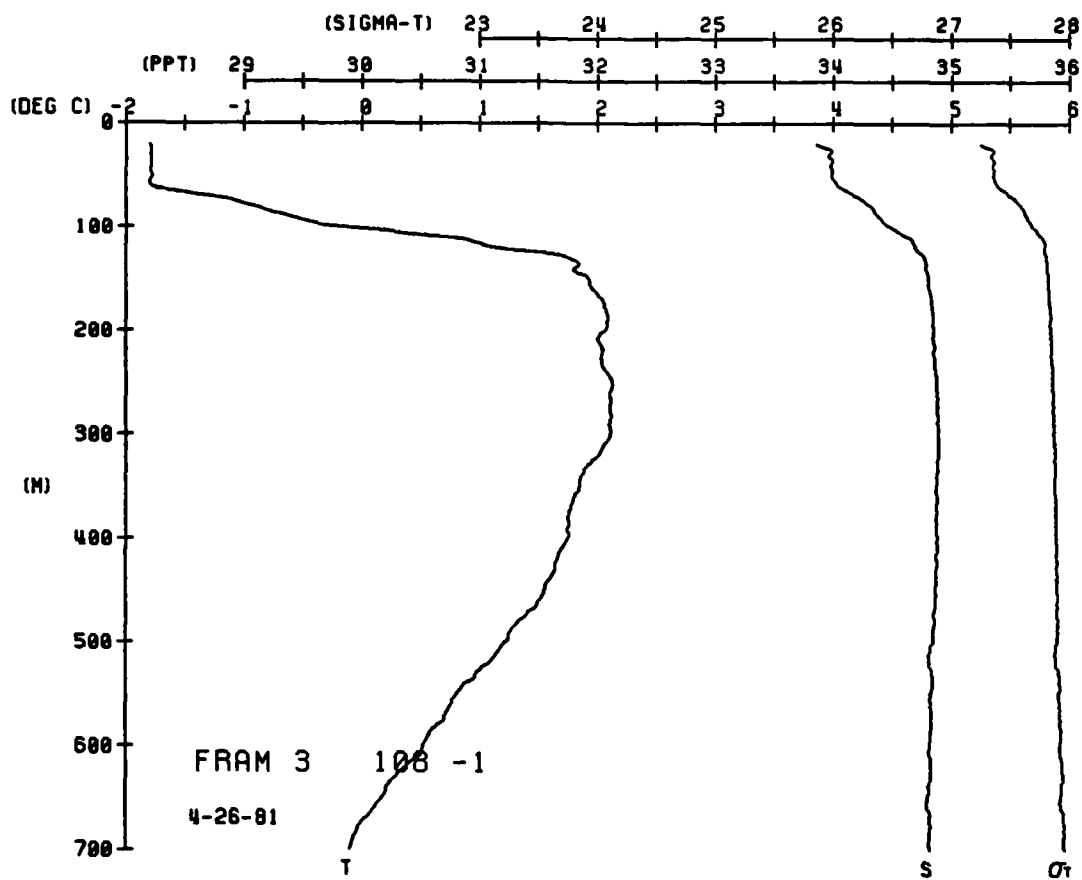
FROM 3 STATION 107(1) CTU 26/APR/1981 2205 GMT CUD5 = 5
LAT = 82.0083N LNG = 1.4917E LTEM = 300. LGEM = 300.
AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
00	1.86	1.86	33.65	27.09	3.33	000	838
04	1.86	1.86	33.65	27.09	3.33	004	1438
12	1.86	1.86	33.65	27.09	3.33	008	1438
20	1.86	1.86	33.65	27.09	3.33	012	1438
28	1.86	1.86	33.65	27.09	3.33	016	1438
36	1.86	1.86	33.65	27.09	3.33	020	1438
44	1.86	1.86	33.65	27.09	3.33	024	1438
52	1.86	1.86	33.65	27.09	3.33	028	1438
60	1.86	1.86	33.65	27.09	3.33	032	1438
68	1.86	1.86	33.65	27.09	3.33	036	1438
76	1.86	1.86	33.65	27.09	3.33	040	1438
84	1.86	1.86	33.65	27.09	3.33	044	1438
92	1.86	1.86	33.65	27.09	3.33	048	1438
100	1.86	1.86	33.65	27.09	3.33	052	1438
108	1.86	1.86	33.65	27.09	3.33	056	1438
116	1.86	1.86	33.65	27.09	3.33	060	1438
124	1.86	1.86	33.65	27.09	3.33	064	1438
132	1.86	1.86	33.65	27.09	3.33	068	1438
140	1.86	1.86	33.65	27.09	3.33	072	1438
148	1.86	1.86	33.65	27.09	3.33	076	1438
156	1.86	1.86	33.65	27.09	3.33	080	1438
164	1.86	1.86	33.65	27.09	3.33	084	1438
172	1.86	1.86	33.65	27.09	3.33	088	1438
180	1.86	1.86	33.65	27.09	3.33	092	1438
188	1.86	1.86	33.65	27.09	3.33	096	1438
196	1.86	1.86	33.65	27.09	3.33	100	1438
204	1.86	1.86	33.65	27.09	3.33	104	1438
212	1.86	1.86	33.65	27.09	3.33	108	1438
220	1.86	1.86	33.65	27.09	3.33	112	1438
228	1.86	1.86	33.65	27.09	3.33	116	1438
236	1.86	1.86	33.65	27.09	3.33	120	1438
244	1.86	1.86	33.65	27.09	3.33	124	1438
252	1.86	1.86	33.65	27.09	3.33	128	1438
260	1.86	1.86	33.65	27.09	3.33	132	1438
268	1.86	1.86	33.65	27.09	3.33	136	1438
276	1.86	1.86	33.65	27.09	3.33	140	1438
284	1.86	1.86	33.65	27.09	3.33	144	1438
292	1.86	1.86	33.65	27.09	3.33	148	1438
300	1.86	1.86	33.65	27.09	3.33	152	1438
308	1.86	1.86	33.65	27.09	3.33	156	1438
316	1.86	1.86	33.65	27.09	3.33	160	1438
324	1.86	1.86	33.65	27.09	3.33	164	1438
332	1.86	1.86	33.65	27.09	3.33	168	1438
340	1.86	1.86	33.65	27.09	3.33	172	1438
348	1.86	1.86	33.65	27.09	3.33	176	1438
356	1.86	1.86	33.65	27.09	3.33	180	1438
364	1.86	1.86	33.65	27.09	3.33	184	1438
372	1.86	1.86	33.65	27.09	3.33	188	1438
380	1.86	1.86	33.65	27.09	3.33	192	1438
388	1.86	1.86	33.65	27.09	3.33	196	1438
396	1.86	1.86	33.65	27.09	3.33	200	1438
404	1.86	1.86	33.65	27.09	3.33	204	1438
412	1.86	1.86	33.65	27.09	3.33	208	1438
420	1.86	1.86	33.65	27.09	3.33	212	1438
428	1.86	1.86	33.65	27.09	3.33	216	1438
436	1.86	1.86	33.65	27.09	3.33	220	1438
444	1.86	1.86	33.65	27.09	3.33	224	1438
452	1.86	1.86	33.65	27.09	3.33	228	1438
460	1.86	1.86	33.65	27.09	3.33	232	1438
468	1.86	1.86	33.65	27.09	3.33	236	1438
476	1.86	1.86	33.65	27.09	3.33	240	1438
484	1.86	1.86	33.65	27.09	3.33	244	1438
492	1.86	1.86	33.65	27.09	3.33	248	1438
500	1.86	1.86	33.65	27.09	3.33	252	1438
508	1.86	1.86	33.65	27.09	3.33	256	1438
516	1.86	1.86	33.65	27.09	3.33	260	1438
524	1.86	1.86	33.65	27.09	3.33	264	1438
532	1.86	1.86	33.65	27.09	3.33	268	1438
540	1.86	1.86	33.65	27.09	3.33	272	1438
548	1.86	1.86	33.65	27.09	3.33	276	1438
556	1.86	1.86	33.65	27.09	3.33	280	1438
564	1.86	1.86	33.65	27.09	3.33	284	1438
572	1.86	1.86	33.65	27.09	3.33	288	1438
580	1.86	1.86	33.65	27.09	3.33	292	1438
588	1.86	1.86	33.65	27.09	3.33	296	1438
596	1.86	1.86	33.65	27.09	3.33	300	1438
604	1.86	1.86	33.65	27.09	3.33	304	1438
612	1.86	1.86	33.65	27.09	3.33	308	1438
620	1.86	1.86	33.65	27.09	3.33	312	1438
628	1.86	1.86	33.65	27.09	3.33	316	1438
636	1.86	1.86	33.65	27.09	3.33	320	1438
644	1.86	1.86	33.65	27.09	3.33	324	1438
652	1.86	1.86	33.65	27.09	3.33	328	1438
660	1.86	1.86	33.65	27.09	3.33	332	1438
668	1.86	1.86	33.65	27.09	3.33	336	1438
676	1.86	1.86	33.65	27.09	3.33	340	1438
684	1.86	1.86	33.65	27.09	3.33	344	1438
692	1.86	1.86	33.65	27.09	3.33	348	1438
700	1.86	1.86	33.65	27.09	3.33	352	1438
708	1.86	1.86	33.65	27.09	3.33	356	1438
716	1.86	1.86	33.65	27.09	3.33	360	1438
724	1.86	1.86	33.65	27.09	3.33	364	1438
732	1.86	1.86	33.65	27.09	3.33	368	1438
740	1.86	1.86	33.65	27.09	3.33	372	1438
748	1.86	1.86	33.65	27.09	3.33	376	1438
756	1.86	1.86	33.65	27.09	3.33	380	1438
764	1.86	1.86	33.65	27.09	3.33	384	1438
772	1.86	1.86	33.65	27.09	3.33	388	1438
780	1.86	1.86	33.65	27.09	3.33	392	1438
788	1.86	1.86	33.65	27.09	3.33	396	1438
796	1.86	1.86	33.65	27.09	3.33	400	1438
804	1.86	1.86	33.65	27.09	3.33	404	1438
812	1.86	1.86	33.65	27.09	3.33	408	1438
820	1.86	1.86	33.65	27.09	3.33	412	1438
828	1.86	1.86	33.65	27.09	3.33	416	1438
836	1.86	1.86	33.65	27.09	3.33	420	1438
844	1.86	1.86	33.65	27.09	3.33	424	1438
852	1.86	1.86	33.65	27.09	3.33	428	1438
860	1.86	1.86	33.65	27.09	3.33	432	1438
868	1.86	1.86	33.65	27.09	3.33	436	1438
876	1.86	1.86	33.65	27.09	3.33	440	1438
884	1.86	1.86	33.65	27.09	3.33	444	1438
892	1.86	1.86	33.65	27.09	3.33	448	1438
900	1.86	1.86	33.65	27.09	3.33	452	1438
908	1.86	1.86	33.65	27.09	3.33	456	1438
916	1.86	1.86	33.65	27.09	3.33	460	1438
924	1.86	1.86	33.65	27.09	3.33	464	1438
932	1.86	1.86	33.65	27.09	3.33	468	1438
940	1.86	1.86	33.65	27.09	3.33	472	1438
948	1.86	1.86	33.65	27.09	3.33	476	1438
956	1.86	1.86	33.65	27.09	3.33	480	1438
964	1.86	1.86	33.65	27.09	3.33	484	1438
972	1.86	1.86	33.65	27.09	3.33	488	1438
980	1.86	1.86	33.65	27.09	3.33	492	1438
988	1.86	1.86	33.65	27.09	3.33	496	1438
996	1.86	1.86	33.65	27.09	3.33	500	1438



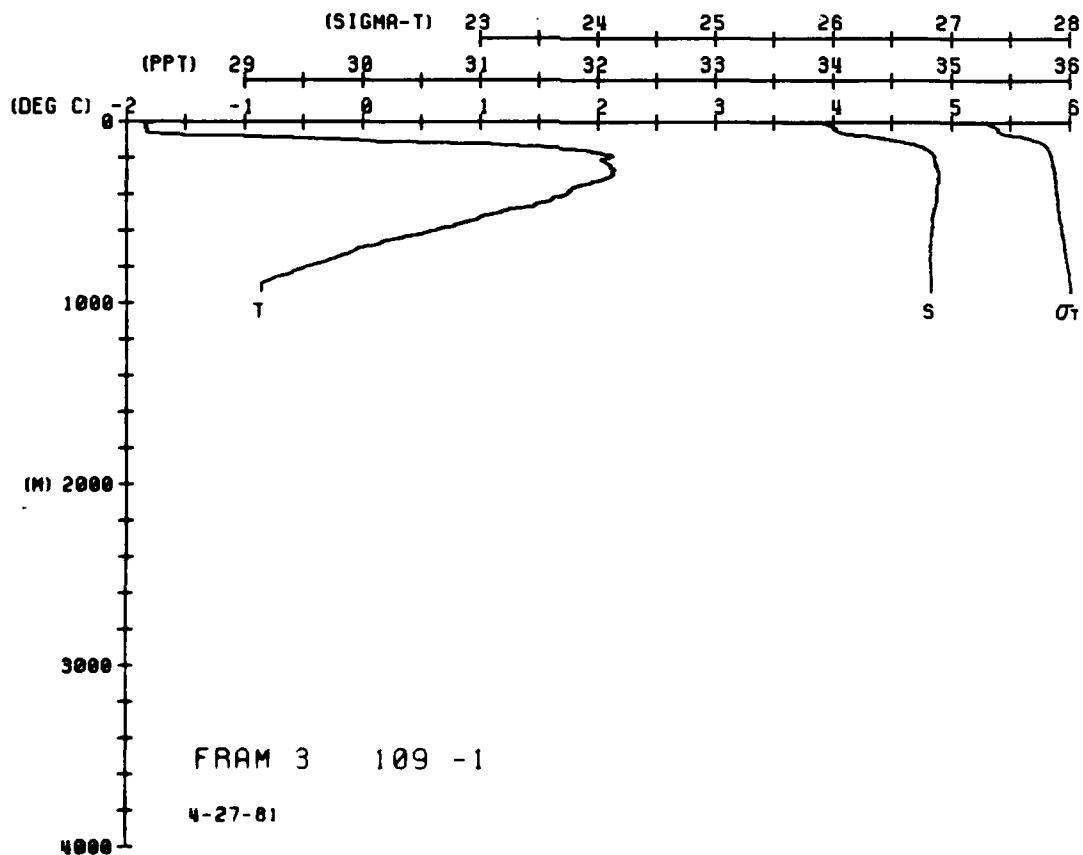
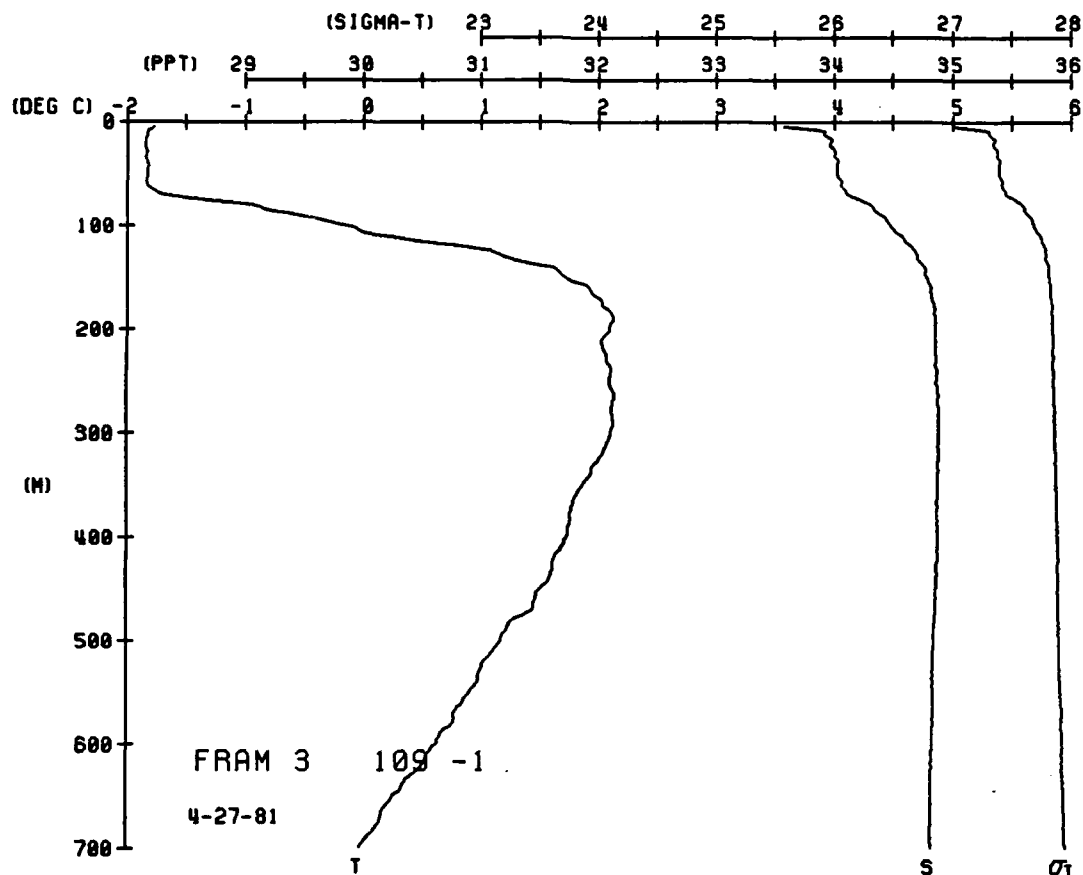
PHAM 3 STATION 108(1) CTD 26/APR/1981 2244 GMT CUDE = 5
 LAT = 81.9633N LNC = 5.5282E LTER = 30.0
 AIR TEMP = 0.0 WIND = 0.0 WIND = 0.0 SPEED = 0.0

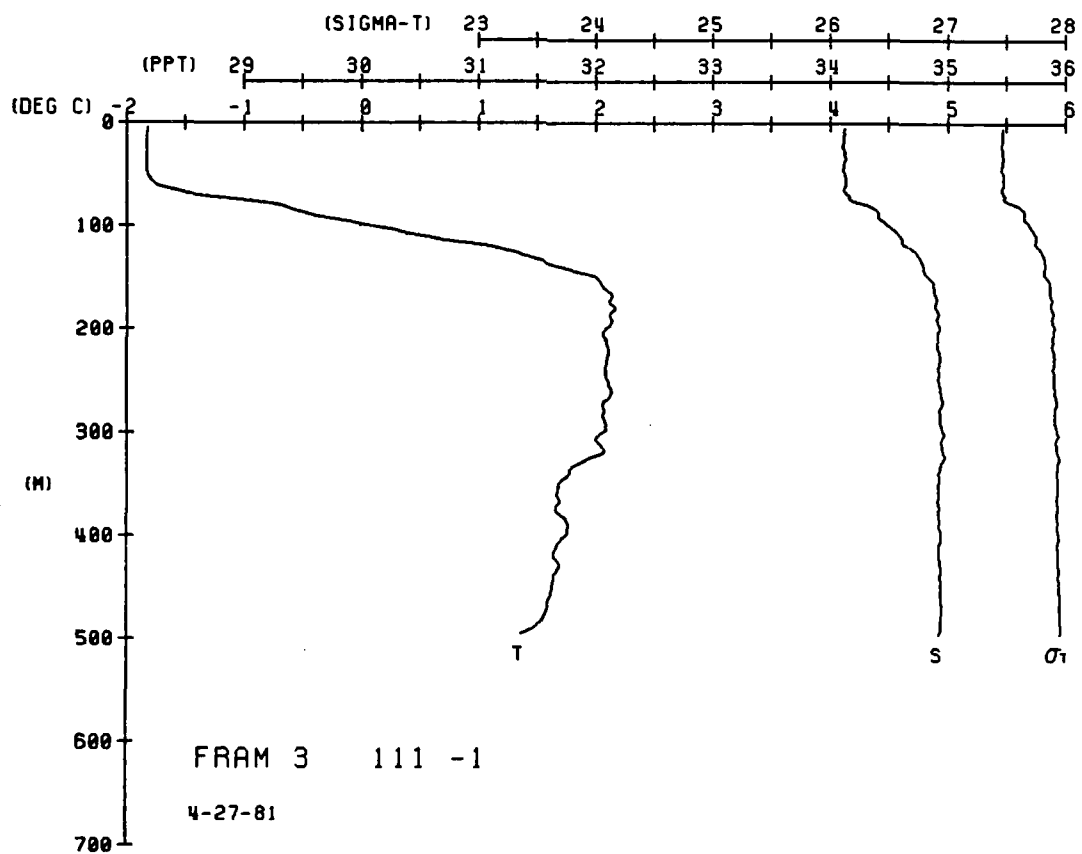
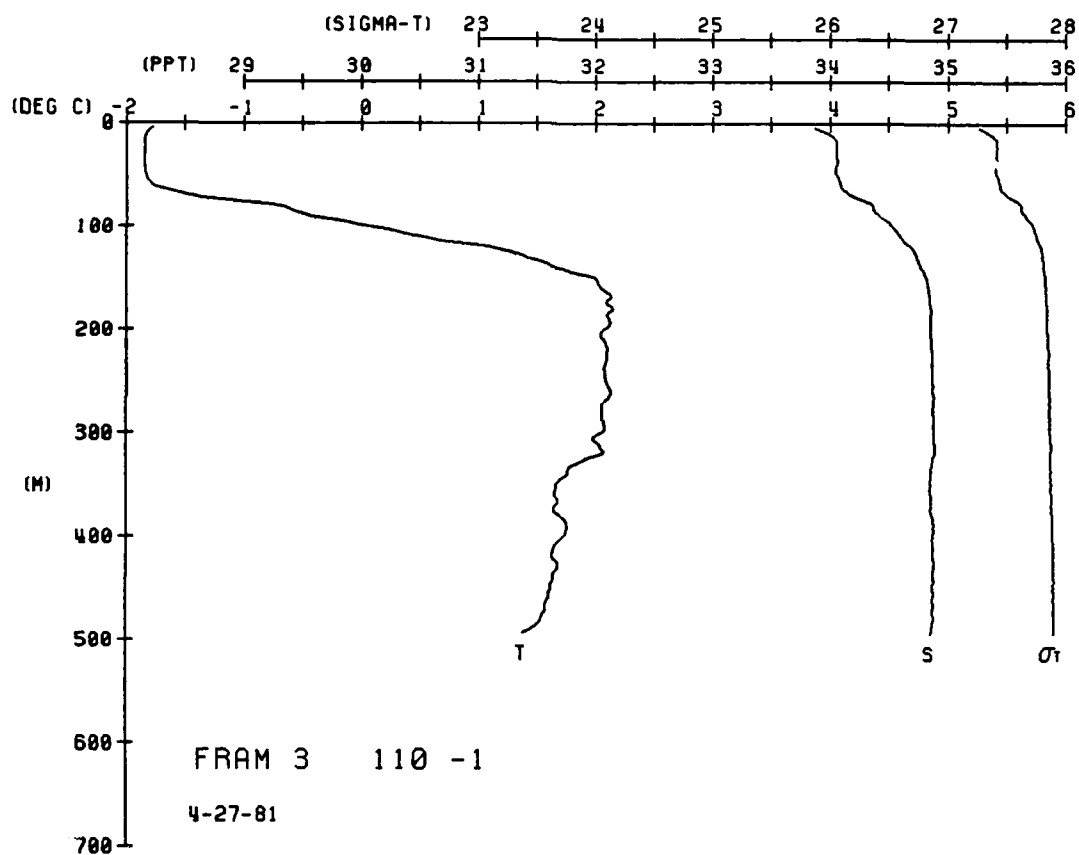
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	1.79	1.79	33.33	27.25	80.6	0.000	1439.3	0.0	-0.12	-0.15	34.81	27.96	13.4	0.196	1460.3
5.0	1.79	1.80	33.33	27.25	80.6	0.006	1439.4	710.0	-0.30	-0.33	34.83	27.98	10.8	0.199	1460.0
10.0	1.79	1.80	33.33	27.25	80.5	0.012	1439.5	790.0	-0.56	-0.59	34.83	27.99	19.4	0.204	1459.7
15.0	1.79	1.80	33.33	27.25	80.5	0.017	1439.6	840.0	-0.71	-0.74	34.83	28.00	7.9	0.209	1459.8
20.0	1.79	1.80	33.33	27.25	80.5	0.024	1439.7	890.0	-0.87	-0.90	34.83	28.00	7.3	0.213	1459.9
25.0	1.79	1.79	33.33	27.25	80.5	0.027	1440.0	940.0	-0.88	-0.92	34.83	28.01	6.6	0.216	1460.7
30.0	1.79	1.79	33.33	27.25	71.2	0.027	1440.0	962.3	-0.89	-0.93	34.84	28.02	5.4	0.218	1461.0
35.0	1.79	1.79	33.33	27.25	70.0	0.031	1440.1								
40.0	1.79	1.79	33.33	27.25	69.0	0.035	1440.3								
45.0	1.79	1.78	33.44	27.27	68.5	0.042	1440.4								
50.0	1.79	1.79	33.44	27.27	68.5	0.048	1440.5								
55.0	1.79	1.79	33.44	27.27	69.1	0.051	1441.6								
60.0	1.79	1.79	33.44	27.27	69.5	0.054	1441.5								
65.0	1.79	1.79	33.44	27.27	69.5	0.058	1444.5								
70.0	1.79	1.79	33.44	27.27	69.5	0.061	1445.4								
75.0	1.79	1.79	33.44	27.27	69.5	0.065	1446.2								
80.0	1.79	1.79	33.44	27.27	69.5	0.069	1448.0								
85.0	1.79	1.79	33.44	27.27	69.5	0.072	1448.0								
90.0	1.79	1.79	33.44	27.27	69.5	0.077	1452.6								
95.0	1.79	1.79	33.44	27.27	69.5	0.080	1453.0								
100.0	1.79	1.79	33.44	27.27	69.5	0.083	1459.1								
105.0	1.79	1.79	33.44	27.27	69.5	0.088	1460.2								
110.0	1.79	1.79	33.44	27.27	69.5	0.091	1461.1								
115.0	1.79	1.79	33.44	27.27	69.5	0.093	1461.5								
120.0	1.79	1.79	33.44	27.27	69.5	0.096	1461.6								
125.0	1.79	1.79	33.44	27.27	69.5	0.099	1461.9								
130.0	1.79	1.79	33.44	27.27	69.5	0.103	1462.1								
135.0	1.79	1.79	33.44	27.27	69.5	0.108	1462.4								
140.0	1.79	1.79	33.44	27.27	69.5	0.111	1462.8								
145.0	1.79	1.79	33.44	27.27	69.5	0.115	1463.1								
150.0	1.79	1.79	33.44	27.27	69.5	0.118	1463.4								
155.0	1.79	1.79	33.44	27.27	69.5	0.122	1463.5								
160.0	1.79	1.79	33.44	27.27	69.5	0.125	1463.2								
165.0	1.79	1.79	33.44	27.27	69.5	0.127	1463.2								
170.0	1.79	1.79	33.44	27.27	69.5	0.129	1463.2								
175.0	1.79	1.79	33.44	27.27	69.5	0.131	1463.2								
180.0	1.79	1.79	33.44	27.27	69.5	0.133	1463.2								
185.0	1.79	1.79	33.44	27.27	69.5	0.135	1463.2								
190.0	1.79	1.79	33.44	27.27	69.5	0.137	1463.2								
195.0	1.79	1.79	33.44	27.27	69.5	0.139	1463.2								
200.0	1.79	1.79	33.44	27.27	69.5	0.141	1463.2								
205.0	1.79	1.79	33.44	27.27	69.5	0.143	1463.2								
210.0	1.79	1.79	33.44	27.27	69.5	0.145	1463.2								
215.0	1.79	1.79	33.44	27.27	69.5	0.147	1463.2								
220.0	1.79	1.79	33.44	27.27	69.5	0.149	1463.2								
225.0	1.79	1.79	33.44	27.27	69.5	0.151	1463.2								
230.0	1.79	1.79	33.44	27.27	69.5	0.153	1463.2								
235.0	1.79	1.79	33.44	27.27	69.5	0.155	1463.2								
240.0	1.79	1.79	33.44	27.27	69.5	0.157	1463.2								
245.0	1.79	1.79	33.44	27.27	69.5	0.159	1463.2								
250.0	1.79	1.79	33.44	27.27	69.5	0.161	1463.2								
255.0	1.79	1.79	33.44	27.27	69.5	0.163	1463.2								
260.0	1.79	1.79	33.44	27.27	69.5	0.165	1463.2								
265.0	1.79	1.79	33.44	27.27	69.5	0.167	1463.2								
270.0	1.79	1.79	33.44	27.27	69.5	0.169	1463.2								
275.0	1.79	1.79	33.44	27.27	69.5	0.171	1463.2								
280.0	1.79	1.79	33.44	27.27	69.5	0.173	1463.2								
285.0	1.79	1.79	33.44	27.27	69.5	0.175	1463.2								
290.0	1.79	1.79	33.44	27.27	69.5	0.177	1463.2								
295.0	1.79	1.79	33.44	27.27	69.5	0.179	1463.2								
300.0	1.79	1.79	33.44	27.27	69.5	0.181	1463.2								
305.0	1.79	1.79	33.44	27.27	69.5	0.183	1463.2								
310.0	1.79	1.79	33.44	27.27	69.5	0.185	1463.2								
315.0	1.79	1.79	33.44	27.27	69.5	0.187	1463.2								
320.0	1.79	1.79	33.44	27.27	69.5	0.189	1463.2								
325.0	1.79	1.79	33.44	27.27	69.5	0.191	1463.2								
330.0	1.79	1.79	33.44	27.27	69.5	0.193	1463.2								
335.0	1.79	1.79	33.44	27.27	69.5	0.195	1463.2								
340.0	1.79	1.79	33.44	27.27	69.5	0.197	1463.2								
345.0	1.79	1.79	33.44	27.27	69.5	0.199	1463.2								
350.0	1.79	1.79	33.44	27.27	69.5	0.201	1463.2								
355.0	1.79	1.79	33.44	27.27	69.5	0.203	1463.2								
360.0	1.79	1.79	33.44	27.27	69.5	0.205	1463.2								
365.0	1.79	1.79	33.44	27.27	69.5	0.207	1463.2								
370.0	1.79	1.79	33.44	27.27	69.5	0.209	1463.2								
375.0	1.79	1.79	33.44	27.27	69.5	0.211	1463.2								
380.0	1.79	1.79	33.44	27.27	69.5	0.213	1463.2								
385.0	1.79	1.79	33.44	27.27	69.5	0.215	1463.2								
390.0	1.79	1.79	33.44	27.27	69.5	0.217	1463.2								
395.0	1.79	1.79	33.44	27.27	69.5	0.219	1463.2								
400.0	1.79	1.79	33.44	27.27	69.5	0.221	1463.2								
405.0	1.79	1.79	33.44	27.27	69.5	0.223	1463.2								
410.0	1.79	1.79	33.44	27.27	69.5	0.225	1463.2								
415.0	1.79	1.79	33.44	27.27	69.5	0.227	1463.2								
420.0	1.79	1.79	33.44	27.27	69.5	0.229	1463.2								
425.0	1.79	1.79	33.44	27.27	69.5	0.231	1463.2								
430.0	1.79	1.79	33.44	27.27	69.5	0.233	1463.2								
435.0	1.79	1.79	33.44	27.27	69.5	0.235	1463.2								
440.0	1.79	1.79	33.44	27.27	69.5	0.237	1463.2								
445.0	1.79	1.79	33.44	27.27	69.5	0.239	1463.2								
450.0	1.79	1.79	33.44	27.27	69.5	0.241	1463.2								
455.0	1.79	1.79	33.44	27.27	69.5	0.243	1463.2								
460.0	1.79	1.79	33.44	27.27	69.5	0.245	1463.2								
465.0	1.79	1.79	33.44	27.27	69.5	0.247	1463.2								
470.0	1.79	1.79	33.44	27.27	69.5	0.249	1463.2								
475.0	1.79	1.79	33.44	27.27	69.5	0.251	1463.2								
480.0	1.79	1.79	33.44	27.27	69.5	0.253	1463.2								
485.0	1.79	1.79	33.44	27.27	69.5	0.255	1463.2								
490.0	1.79	1.79	33.44	27.27	69.5	0.257	1463.2								
495.0	1.79	1.79	33.44	27.27	69.5	0.259	1463.2								
500.0	1.79	1.79	33.44	27.27	69.5	0.261	1463.2								
505.0	1.79	1.79	33.44	27.27	69.5	0.263	1463.2								
510.0	1.79	1.79	33.44	27.27	69.5	0.265	1463.2								



FNAM 3 STATION 109(1) CTD 27/APR/1981 849 GMT CUDE = 5
LAT = 41-5530N LNG = 5-6128E LTER = 30
AIR TEMP = 0.0 WIND = 0.0 WIND = 0.0 SPEED = 0.0

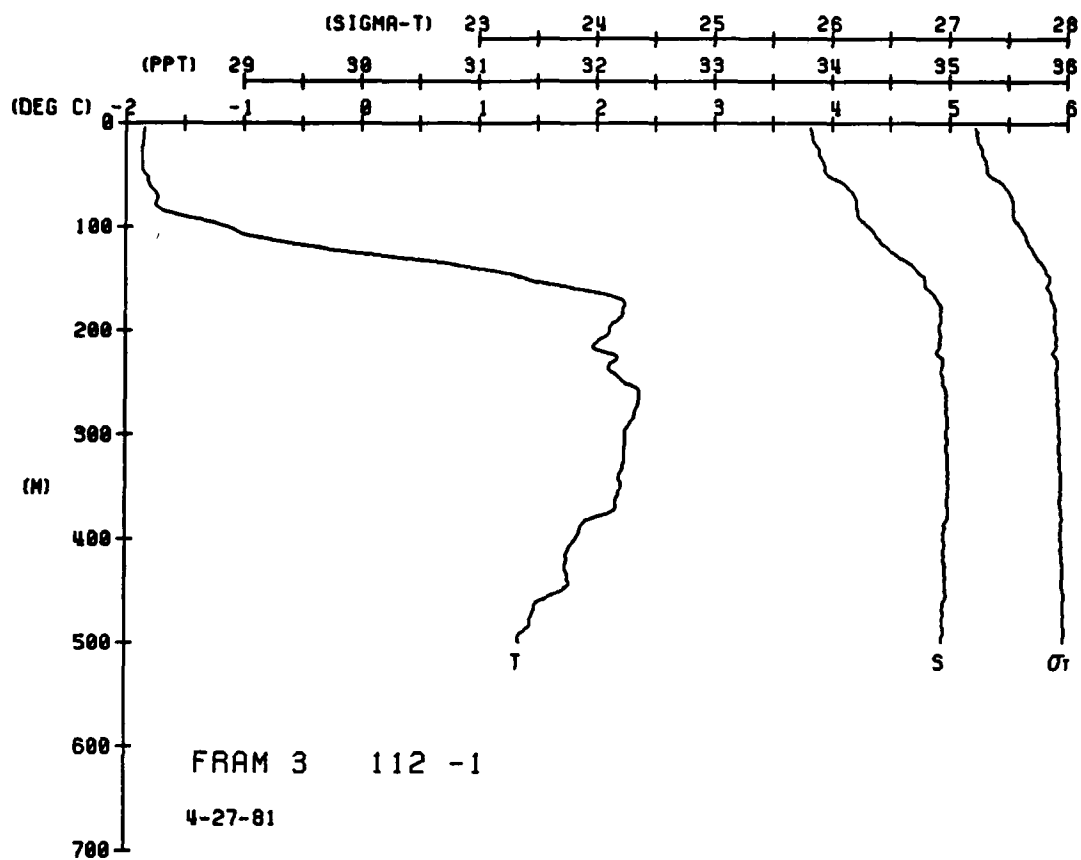
DEPTH	TEMP	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHNT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHNT	SOUND
0.0	75.7	75.7	75.7	33.4	26.90	113.8	0.000	1438.9	710.0	-0.07	-0.10	34.83	27.97	12.5	0.196	1460.6
0.5	75.7	75.7	75.7	33.4	27.03	113.2	0.006	1439.1	740.0	-0.19	-0.22	34.83	27.98	11.9	0.205	1460.5
1.0	75.7	75.7	75.7	33.4	27.14	112.7	0.014	1439.5	760.0	-0.41	-0.45	34.83	27.99	9.8	0.210	1460.3
1.5	75.7	75.7	75.7	33.4	27.27	112.2	0.018	1439.6	780.0	-0.63	-0.66	34.83	28.00	8.3	0.213	1460.2
2.0	75.7	75.7	75.7	33.4	27.39	112.2	0.021	1439.7	800.0	-0.85	-0.88	34.83	28.01	6.9	0.216	1460.0
2.5	75.7	75.7	75.7	33.4	27.52	112.2	0.028	1439.9	820.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
3.0	75.7	75.7	75.7	33.4	27.67	112.2	0.035	1440.1	840.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
3.5	75.7	75.7	75.7	33.4	27.82	112.2	0.042	1440.3	860.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
4.0	75.7	75.7	75.7	33.4	27.97	112.2	0.048	1440.5	880.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
4.5	75.7	75.7	75.7	33.4	28.12	112.2	0.054	1440.8	900.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
5.0	75.7	75.7	75.7	33.4	28.27	112.2	0.059	1441.1	920.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
5.5	75.7	75.7	75.7	33.4	28.42	112.2	0.065	1441.4	940.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
6.0	75.7	75.7	75.7	33.4	28.57	112.2	0.069	1441.7	960.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
6.5	75.7	75.7	75.7	33.4	28.72	112.2	0.072	1442.0	980.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
7.0	75.7	75.7	75.7	33.4	28.87	112.2	0.078	1442.3	1000.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
7.5	75.7	75.7	75.7	33.4	29.02	112.2	0.084	1442.6	1020.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
8.0	75.7	75.7	75.7	33.4	29.17	112.2	0.089	1442.9	1040.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
8.5	75.7	75.7	75.7	33.4	29.32	112.2	0.094	1443.2	1060.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
9.0	75.7	75.7	75.7	33.4	29.47	112.2	0.097	1443.5	1080.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
9.5	75.7	75.7	75.7	33.4	29.62	112.2	0.103	1443.8	1100.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
10.0	75.7	75.7	75.7	33.4	29.77	112.2	0.109	1444.1	1120.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
10.5	75.7	75.7	75.7	33.4	29.92	112.2	0.114	1444.4	1140.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
11.0	75.7	75.7	75.7	33.4	30.07	112.2	0.118	1444.7	1160.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
11.5	75.7	75.7	75.7	33.4	30.22	112.2	0.123	1445.0	1180.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
12.0	75.7	75.7	75.7	33.4	30.37	112.2	0.128	1445.3	1200.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
12.5	75.7	75.7	75.7	33.4	30.52	112.2	0.133	1445.6	1220.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
13.0	75.7	75.7	75.7	33.4	30.67	112.2	0.139	1445.9	1240.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
13.5	75.7	75.7	75.7	33.4	30.82	112.2	0.143	1446.2	1260.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
14.0	75.7	75.7	75.7	33.4	30.97	112.2	0.147	1446.5	1280.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
14.5	75.7	75.7	75.7	33.4	31.12	112.2	0.151	1446.8	1300.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
15.0	75.7	75.7	75.7	33.4	31.27	112.2	0.155	1447.1	1320.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
15.5	75.7	75.7	75.7	33.4	31.42	112.2	0.159	1447.4	1340.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
16.0	75.7	75.7	75.7	33.4	31.57	112.2	0.167	1447.7	1360.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
16.5	75.7	75.7	75.7	33.4	31.72	112.2	0.173	1448.0	1380.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
17.0	75.7	75.7	75.7	33.4	31.87	112.2	0.183	1448.3	1400.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
17.5	75.7	75.7	75.7	33.4	32.02	112.2	0.193	1448.6	1420.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
18.0	75.7	75.7	75.7	33.4	32.17	112.2	0.203	1448.9	1440.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
18.5	75.7	75.7	75.7	33.4	32.32	112.2	0.213	1449.2	1460.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
19.0	75.7	75.7	75.7	33.4	32.47	112.2	0.223	1449.5	1480.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
19.5	75.7	75.7	75.7	33.4	32.62	112.2	0.233	1449.8	1500.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
20.0	75.7	75.7	75.7	33.4	32.77	112.2	0.243	1450.1	1520.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
20.5	75.7	75.7	75.7	33.4	32.92	112.2	0.253	1450.4	1540.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
21.0	75.7	75.7	75.7	33.4	33.07	112.2	0.263	1450.7	1560.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
21.5	75.7	75.7	75.7	33.4	33.22	112.2	0.273	1451.0	1580.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
22.0	75.7	75.7	75.7	33.4	33.37	112.2	0.283	1451.3	1600.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
22.5	75.7	75.7	75.7	33.4	33.52	112.2	0.293	1451.6	1620.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
23.0	75.7	75.7	75.7	33.4	33.67	112.2	0.303	1451.9	1640.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
23.5	75.7	75.7	75.7	33.4	33.82	112.2	0.313	1452.2	1660.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
24.0	75.7	75.7	75.7	33.4	33.97	112.2	0.323	1452.5	1680.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
24.5	75.7	75.7	75.7	33.4	34.12	112.2	0.333	1452.8	1700.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
25.0	75.7	75.7	75.7	33.4	34.27	112.2	0.343	1453.1	1720.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
25.5	75.7	75.7	75.7	33.4	34.42	112.2	0.353	1453.4	1740.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
26.0	75.7	75.7	75.7	33.4	34.57	112.2	0.363	1453.7	1760.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
26.5	75.7	75.7	75.7	33.4	34.72	112.2	0.373	1454.0	1780.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
27.0	75.7	75.7	75.7	33.4	34.87	112.2	0.383	1454.3	1800.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
27.5	75.7	75.7	75.7	33.4	35.02	112.2	0.393	1454.6	1820.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
28.0	75.7	75.7	75.7	33.4	35.17	112.2	0.403	1454.9	1840.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
28.5	75.7	75.7	75.7	33.4	35.32	112.2	0.413	1455.2	1860.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
29.0	75.7	75.7	75.7	33.4	35.47	112.2	0.423	1455.5	1880.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
29.5	75.7	75.7	75.7	33.4	35.62	112.2	0.433	1455.8	1900.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
30.0	75.7	75.7	75.7	33.4	35.77	112.2	0.443	1456.1	1920.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
30.5	75.7	75.7	75.7	33.4	35.92	112.2	0.453	1456.4	1940.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
31.0	75.7	75.7	75.7	33.4	36.07	112.2	0.463	1456.7	1960.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
31.5	75.7	75.7	75.7	33.4	36.22	112.2	0.473	1457.0	1980.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
32.0	75.7	75.7	75.7	33.4	36.37	112.2	0.483	1457.3	2000.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
32.5	75.7	75.7	75.7	33.4	36.52	112.2	0.493	1457.6	2020.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
33.0	75.7	75.7	75.7	33.4	36.67	112.2	0.503	1457.9	2040.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
33.5	75.7	75.7	75.7	33.4	36.82	112.2	0.513	1458.2	2060.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
34.0	75.7	75.7	75.7	33.4	36.97	112.2	0.523	1458.5	2080.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
34.5	75.7	75.7	75.7	33.4	37.12	112.2	0.533	1458.8	2100.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
35.0	75.7	75.7	75.7	33.4	37.27	112.2	0.543	1459.1	2120.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
35.5	75.7	75.7	75.7	33.4	37.42	112.2	0.553	1459.4	2140.0	-0.86	-0.90	34.83	28.02	6.1	0.216	1460.7
36.0	75.7	75.7	75.7	33.4												





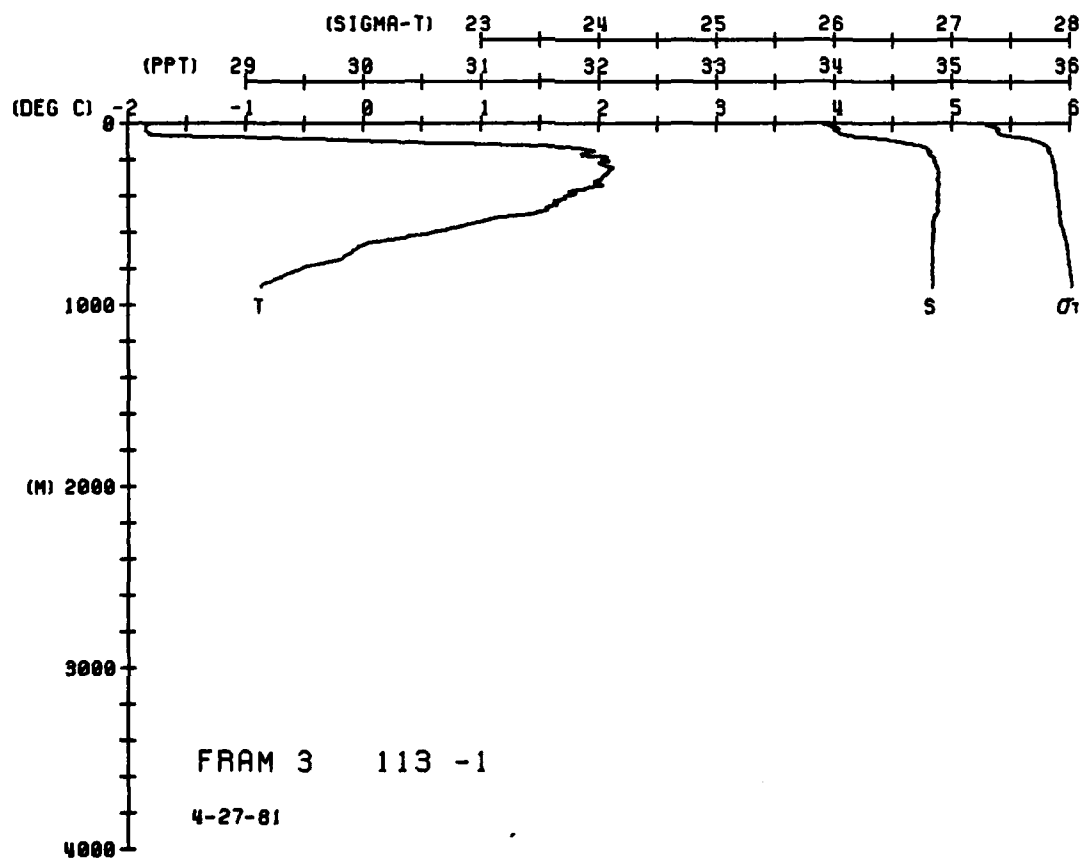
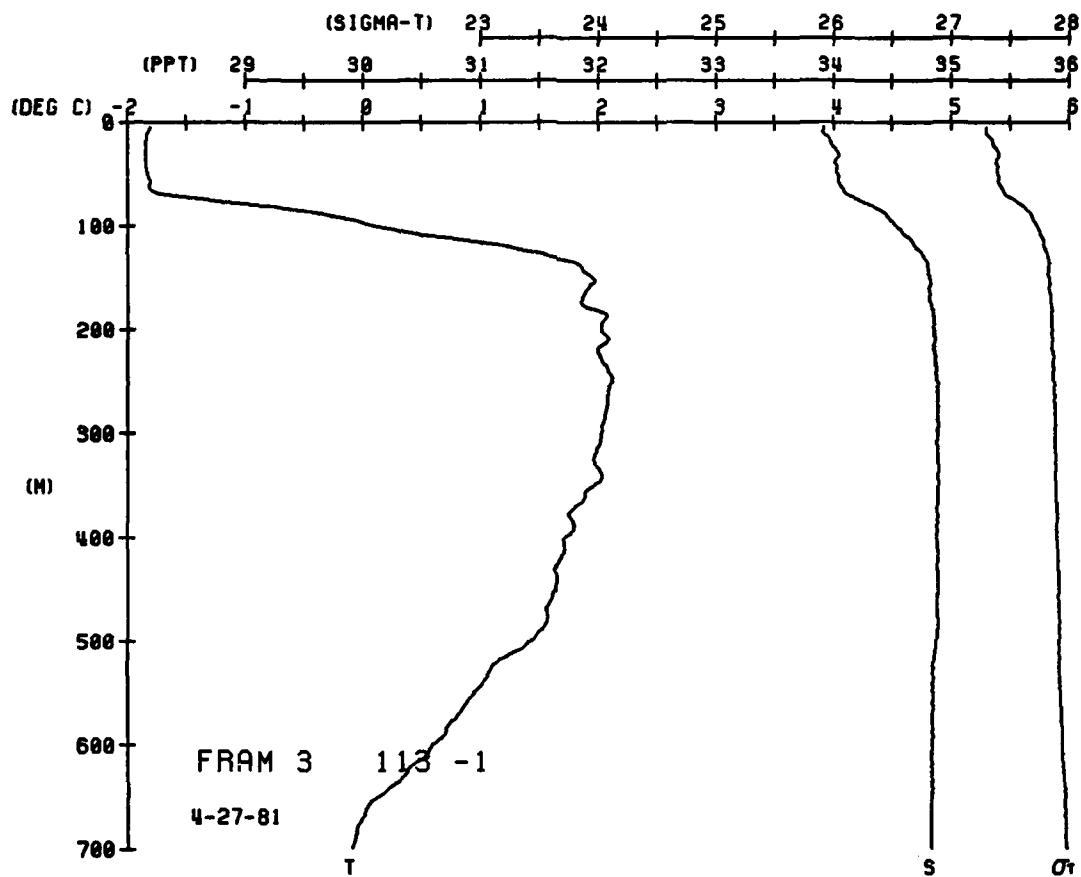
PHAM 3. STATION 112(1) CTD 27/APR/1981 1409 GMT CODE = 5
 LAT = 82.3083N LNG = 3.5083E UTM = 300. LGER = 300.
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNH1	SOUND
0	1.85	1.85	33.81	7.21	84.6	0.000	1439.0
0	1.85	1.85	33.81	7.21	84.6	0.000	1439.1
5	1.85	1.85	33.84	7.22	84.6	0.003	1439.2
10	1.85	1.85	33.84	7.22	84.6	0.008	1439.3
15	1.85	1.85	33.84	7.22	84.6	0.017	1439.4
20	1.85	1.85	33.86	7.22	84.6	0.021	1439.5
25	1.86	1.86	33.92	7.23	84.6	0.025	1439.6
30	1.86	1.86	33.92	7.23	84.6	0.029	1439.7
35	1.86	1.86	33.94	7.23	84.6	0.032	1439.8
40	1.86	1.86	33.94	7.23	84.6	0.036	1439.9
45	1.86	1.86	33.97	7.23	84.6	0.043	1440.0
50	1.87	1.87	34.06	7.24	84.6	0.046	1440.1
55	1.87	1.87	34.12	7.24	84.6	0.049	1440.2
60	1.87	1.87	34.12	7.24	84.6	0.052	1440.3
65	1.87	1.87	34.12	7.24	84.6	0.055	1440.4
70	1.87	1.87	34.12	7.24	84.6	0.058	1440.5
75	1.87	1.87	34.12	7.24	84.6	0.061	1440.6
80	1.87	1.87	34.12	7.24	84.6	0.063	1440.7
85	1.87	1.87	34.22	7.24	84.6	0.066	1440.8
90	1.87	1.87	34.22	7.24	84.6	0.068	1440.9
95	1.87	1.87	34.22	7.24	84.6	0.071	1441.0
100	1.87	1.87	34.22	7.24	84.6	0.074	1441.1
110	1.87	1.87	34.22	7.24	84.6	0.076	1441.2
120	1.87	1.87	34.22	7.24	84.6	0.079	1441.3
130	1.87	1.87	34.22	7.24	84.6	0.082	1441.4
140	1.87	1.87	34.22	7.24	84.6	0.085	1441.5
150	1.87	1.87	34.22	7.24	84.6	0.088	1441.6
160	1.87	1.87	34.22	7.24	84.6	0.091	1441.7
170	1.87	1.87	34.22	7.24	84.6	0.093	1441.8
180	1.87	1.87	34.22	7.24	84.6	0.095	1441.9
190	1.87	1.87	34.22	7.24	84.6	0.097	1442.0
200	1.87	1.87	34.22	7.24	84.6	0.099	1442.1
210	1.87	1.87	34.22	7.24	84.6	0.101	1442.2
220	1.87	1.87	34.22	7.24	84.6	0.103	1442.3
230	1.87	1.87	34.22	7.24	84.6	0.105	1442.4
240	1.87	1.87	34.22	7.24	84.6	0.107	1442.5
250	1.87	1.87	34.22	7.24	84.6	0.109	1442.6
260	1.87	1.87	34.22	7.24	84.6	0.111	1442.7
270	1.87	1.87	34.22	7.24	84.6	0.112	1442.8
280	1.87	1.87	34.22	7.24	84.6	0.114	1442.9
290	1.87	1.87	34.22	7.24	84.6	0.116	1443.0
300	1.87	1.87	34.22	7.24	84.6	0.118	1443.1
310	1.87	1.87	34.22	7.24	84.6	0.120	1443.2
320	1.87	1.87	34.22	7.24	84.6	0.122	1443.3
330	1.87	1.87	34.22	7.24	84.6	0.124	1443.4
340	1.87	1.87	34.22	7.24	84.6	0.126	1443.5
350	1.87	1.87	34.22	7.24	84.6	0.128	1443.6
360	1.87	1.87	34.22	7.24	84.6	0.130	1443.7
370	1.87	1.87	34.22	7.24	84.6	0.132	1443.8
380	1.87	1.87	34.22	7.24	84.6	0.134	1443.9
390	1.87	1.87	34.22	7.24	84.6	0.136	1444.0
400	1.87	1.87	34.22	7.24	84.6	0.138	1444.1
410	1.87	1.87	34.22	7.24	84.6	0.140	1444.2
420	1.87	1.87	34.22	7.24	84.6	0.142	1444.3
430	1.87	1.87	34.22	7.24	84.6	0.144	1444.4
440	1.87	1.87	34.22	7.24	84.6	0.146	1444.5
450	1.87	1.87	34.22	7.24	84.6	0.148	1444.6
460	1.87	1.87	34.22	7.24	84.6	0.150	1444.7
470	1.87	1.87	34.22	7.24	84.6	0.152	1444.8
480	1.87	1.87	34.22	7.24	84.6	0.154	1444.9
490	1.87	1.87	34.22	7.24	84.6	0.156	1445.0
500	1.87	1.87	34.22	7.24	84.6	0.158	1445.1



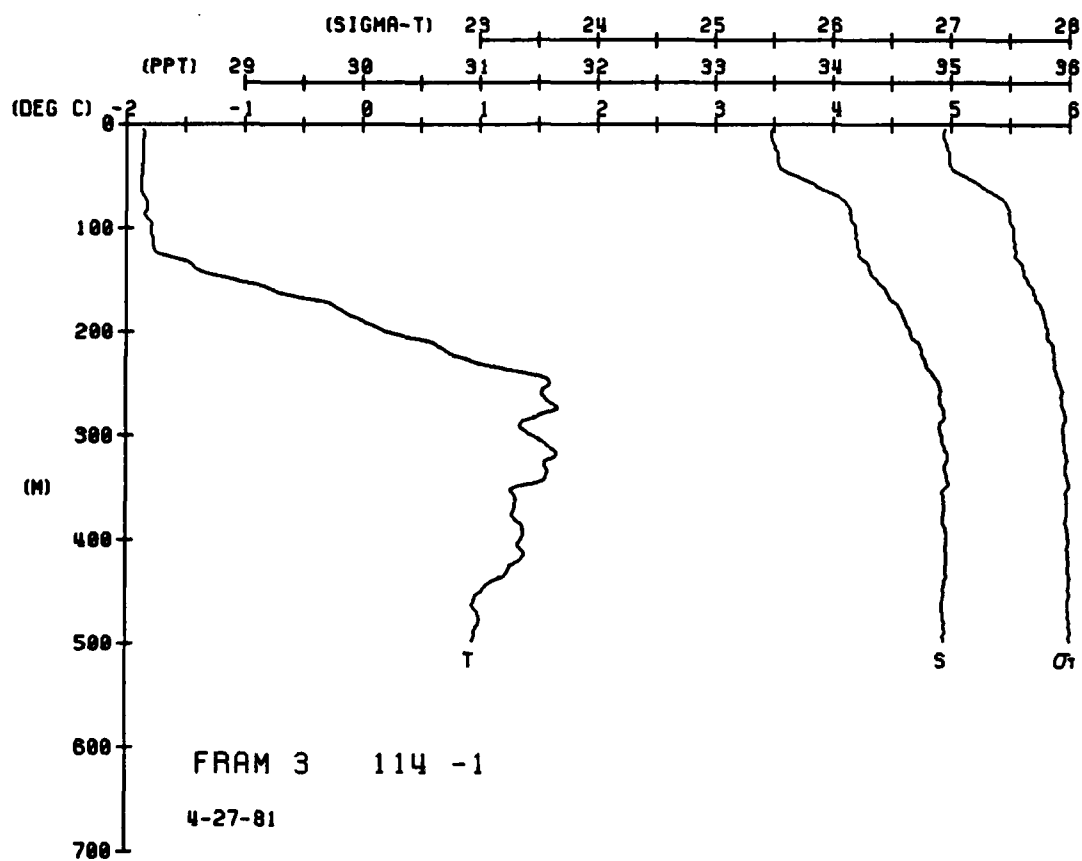
FRAM 3 STATION 113(1) CTD 27/APR/1981 1447 GMT CODE = S
 LAT = 81.9460N LNG = 5.5577E UTM = 30. UGEM = 30.
 AIR TEMP = 0.0 HADUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNT	SOUND
0	1.80	-1.80	33.92	27.30	76.4	0.000	1439.4	710.0	-0.10	-0.13	34.83	27.98	11.9	0.192	1460.4
5	1.80	-1.81	33.92	27.30	76.4	0.003	1439.4	790.0	-0.18	-0.21	34.83	27.98	11.4	0.195	1460.6
10	1.80	-1.81	33.92	27.30	76.4	0.008	1439.4	840.0	-0.49	-0.52	34.84	28.00	9.1	0.200	1460.9
15	1.80	-1.81	33.92	27.30	76.4	0.012	1439.4	890.0	-0.69	-0.72	34.84	28.01	6.2	0.208	1460.9
20	1.80	-1.81	33.92	27.30	76.4	0.015	1439.4	901.3	-0.87	-0.90	34.85	28.02	5.5	0.209	1460.1
25	1.80	-1.81	33.92	27.30	76.4	0.018	1439.4								
30	1.80	-1.81	33.92	27.30	76.4	0.022	1439.4								
35	1.80	-1.81	33.92	27.30	76.4	0.025	1439.4								
40	1.80	-1.81	33.92	27.30	76.4	0.028	1439.4								
45	1.80	-1.81	33.92	27.30	76.4	0.032	1439.4								
50	1.80	-1.81	33.92	27.30	76.4	0.035	1439.4								
55	1.80	-1.81	33.92	27.30	76.4	0.038	1439.4								
60	1.80	-1.81	33.92	27.30	76.4	0.042	1439.4								
65	1.80	-1.81	33.92	27.30	76.4	0.045	1439.4								
70	1.80	-1.81	33.92	27.30	76.4	0.048	1439.4								
75	1.80	-1.81	33.92	27.30	76.4	0.052	1439.4								
80	1.80	-1.81	33.92	27.30	76.4	0.055	1439.4								
85	1.80	-1.81	33.92	27.30	76.4	0.058	1439.4								
90	1.80	-1.81	33.92	27.30	76.4	0.062	1439.4								
95	1.80	-1.81	33.92	27.30	76.4	0.065	1439.4								
100	1.80	-1.81	33.92	27.30	76.4	0.068	1439.4								
105	1.80	-1.81	33.92	27.30	76.4	0.072	1439.4								
110	1.80	-1.81	33.92	27.30	76.4	0.075	1439.4								
115	1.80	-1.81	33.92	27.30	76.4	0.078	1439.4								
120	1.80	-1.81	33.92	27.30	76.4	0.082	1439.4								
125	1.80	-1.81	33.92	27.30	76.4	0.085	1439.4								
130	1.80	-1.81	33.92	27.30	76.4	0.088	1439.4								
135	1.80	-1.81	33.92	27.30	76.4	0.092	1439.4								
140	1.80	-1.81	33.92	27.30	76.4	0.095	1439.4								
145	1.80	-1.81	33.92	27.30	76.4	0.098	1439.4								
150	1.80	-1.81	33.92	27.30	76.4	0.102	1439.4								
155	1.80	-1.81	33.92	27.30	76.4	0.105	1439.4								
160	1.80	-1.81	33.92	27.30	76.4	0.108	1439.4								
165	1.80	-1.81	33.92	27.30	76.4	0.112	1439.4								
170	1.80	-1.81	33.92	27.30	76.4	0.115	1439.4								
175	1.80	-1.81	33.92	27.30	76.4	0.118	1439.4								
180	1.80	-1.81	33.92	27.30	76.4	0.122	1439.4								
185	1.80	-1.81	33.92	27.30	76.4	0.125	1439.4								
190	1.80	-1.81	33.92	27.30	76.4	0.128	1439.4								
195	1.80	-1.81	33.92	27.30	76.4	0.132	1439.4								
200	1.80	-1.81	33.92	27.30	76.4	0.135	1439.4								
205	1.80	-1.81	33.92	27.30	76.4	0.138	1439.4								
210	1.80	-1.81	33.92	27.30	76.4	0.142	1439.4								
215	1.80	-1.81	33.92	27.30	76.4	0.145	1439.4								
220	1.80	-1.81	33.92	27.30	76.4	0.148	1439.4								
225	1.80	-1.81	33.92	27.30	76.4	0.152	1439.4								
230	1.80	-1.81	33.92	27.30	76.4	0.155	1439.4								
235	1.80	-1.81	33.92	27.30	76.4	0.158	1439.4								
240	1.80	-1.81	33.92	27.30	76.4	0.162	1439.4								
245	1.80	-1.81	33.92	27.30	76.4	0.165	1439.4								
250	1.80	-1.81	33.92	27.30	76.4	0.168	1439.4								
255	1.80	-1.81	33.92	27.30	76.4	0.172	1439.4								
260	1.80	-1.81	33.92	27.30	76.4	0.175	1439.4								
265	1.80	-1.81	33.92	27.30	76.4	0.178	1439.4								
270	1.80	-1.81	33.92	27.30	76.4	0.182	1439.4								
275	1.80	-1.81	33.92	27.30	76.4	0.185	1439.4								
280	1.80	-1.81	33.92	27.30	76.4	0.188	1439.4								
285	1.80	-1.81	33.92	27.30	76.4	0.192	1439.4								
290	1.80	-1.81	33.92	27.30	76.4	0.195	1439.4								
295	1.80	-1.81	33.92	27.30	76.4	0.198	1439.4								
300	1.80	-1.81	33.92	27.30	76.4	0.202	1439.4								
305	1.80	-1.81	33.92	27.30	76.4	0.205	1439.4								
310	1.80	-1.81	33.92	27.30	76.4	0.208	1439.4								
315	1.80	-1.81	33.92	27.30	76.4	0.212	1439.4								
320	1.80	-1.81	33.92	27.30	76.4	0.215	1439.4								
325	1.80	-1.81	33.92	27.30	76.4	0.218	1439.4								
330	1.80	-1.81	33.92	27.30	76.4	0.222	1439.4								
335	1.80	-1.81	33.92	27.30	76.4	0.225	1439.4								
340	1.80	-1.81	33.92	27.30	76.4	0.228	1439.4								
345	1.80	-1.81	33.92	27.30	76.4	0.232	1439.4								
350	1.80	-1.81	33.92	27.30	76.4	0.235	1439.4								
355	1.80	-1.81	33.92	27.30	76.4	0.238	1439.4								
360	1.80	-1.81	33.92	27.30	76.4	0.242	1439.4								
365	1.80	-1.81	33.92	27.30	76.4	0.245	1439.4								
370	1.80	-1.81	33.92	27.30	76.4	0.248	1439.4								
375	1.80	-1.81	33.92	27.30	76.4	0.252	1439.4								
380	1.80	-1.81	33.92	27.30	76.4	0.255	1439.4								
385	1.80	-1.81	33.92	27.30	76.4	0.258	1439.4								
390	1.80	-1.81	33.92	27.30	76.4	0.262	1439.4								
395	1.80	-1.81	33.92	27.30	76.4	0.265	1439.4								
400	1.80	-1.81	33.92	27.30	76.4	0.268	1439.4								
405	1.80	-1.81	33.92	27.30	76.4	0.272	1439.4								
410	1.80	-1.81	33.92	27.30	76.4	0.275	1439.4								
415	1.80	-1.81	33.92	27.30	76.4	0.278	1439.4								
420	1.80	-1.81	33.92	27.30	76.4	0.282	1439.4								
425	1.80	-1.81	33.92	27.30	76.4	0.285	1439.4								
430	1.80	-1.81	33.92	27.30	76.4	0.288	1439.4								
435	1.80	-1.81	33.92	27.30	76.4	0.292	1439.4								
440	1.80	-1.81	33.92	27.30	76.4	0.295	1439.4								
445	1.80	-1.81	33.92	27.30	76.4	0.298	1439.4								
450	1.80	-1.81	33.92	27.30	76.4	0.302	1439.4								
455	1.80	-1.81	33.92	27.30	76.4	0.305	1439.4								
460	1.80	-1.81	33.92	27.30	76.4	0.308	1439.4								
465	1.80	-1.81	33.92	27.30	76.4	0.312	1439.4								
470	1.80	-1.81	33.92	27.30	76.4	0.315	1439.4								
475	1.80	-1.81	33.92	27.30	76.4	0.318	1439.4								
480	1.80	-1.81	33.92	27.30	76.4	0.322	1439.4								
485	1.80	-1.81	33.92	27.30	76.4	0.325	1439.4								
490	1.80	-1.81	33.92	27.30	76.4	0.328	1439.4								
495	1.80	-1.81	33.92	27.30	76.4	0.332	1439.4								
500	1.80	-1.81	33.92	27.30	76.4	0.335	1439.4								



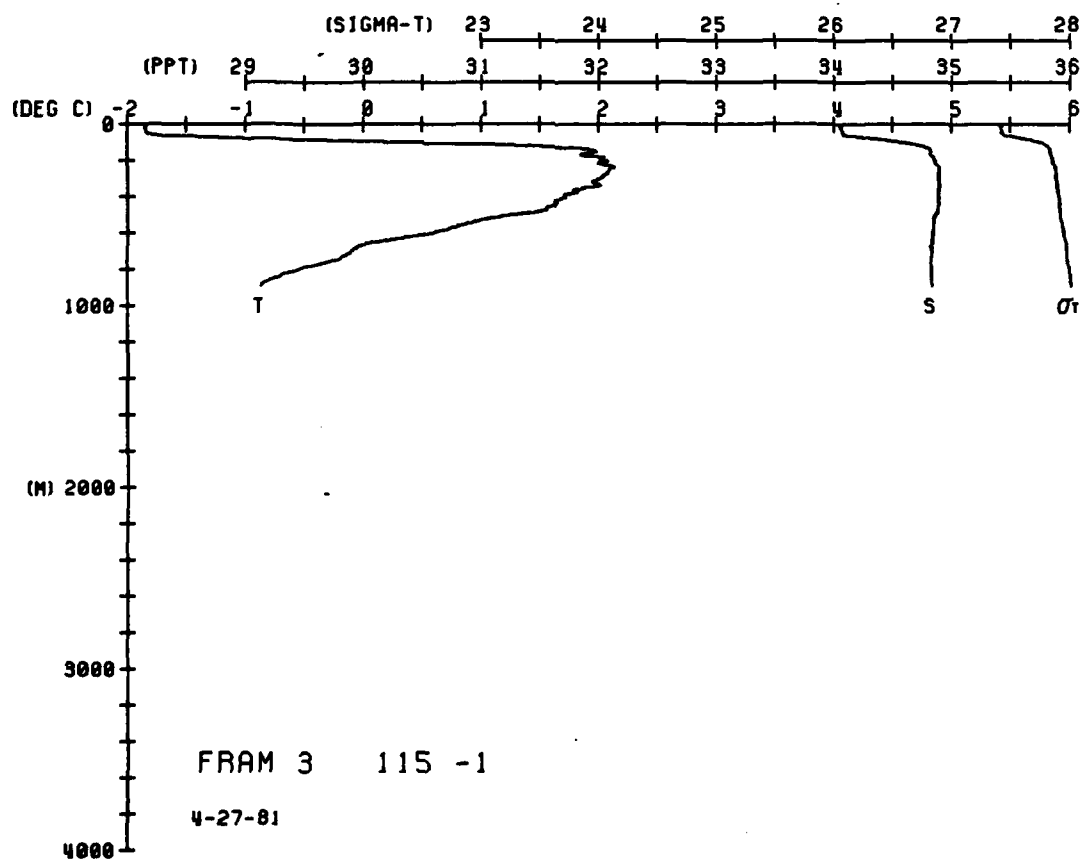
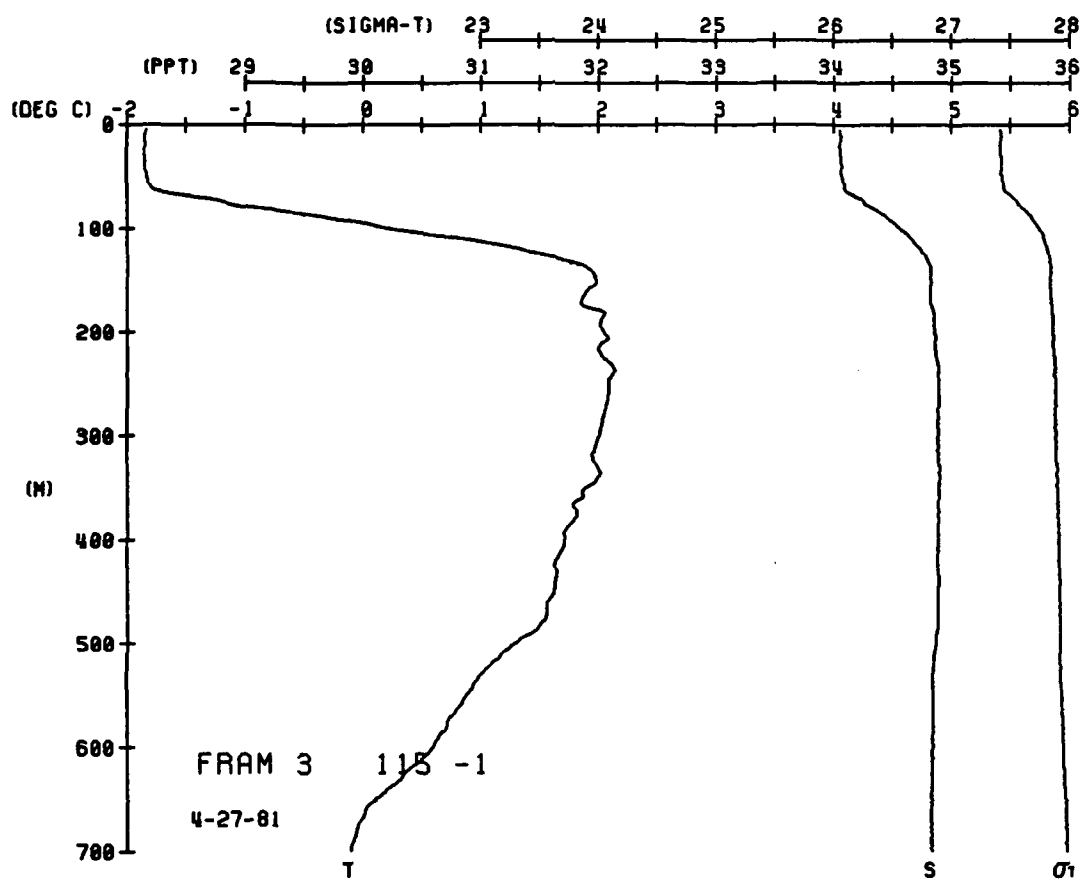
PHAN 3 STATION 114(1) CTU 27/APR/1981 1512 GMT CODE = 5
 LAT = 82.3400N LNG = 1.7300E LTER = 300 LGER = 300
 AIR TEMP = 0.0 BAKUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	86.0	86.0	33.48	26.95	109.7	0.000	1438.5
5.0	86.5	86.5	33.48	26.95	109.8	0.006	1438.6
10.0	86.5	86.5	33.48	26.95	109.8	0.011	1438.7
15.0	86.5	86.5	33.48	26.95	109.8	0.017	1438.8
20.0	86.5	86.5	33.48	26.95	109.8	0.022	1438.9
25.0	86.5	86.5	33.48	26.95	109.8	0.028	1439.0
30.0	86.5	86.5	33.48	26.95	109.8	0.033	1439.1
35.0	86.5	86.5	33.48	26.95	109.8	0.038	1439.2
40.0	86.5	86.5	33.48	26.95	109.8	0.044	1439.4
45.0	86.5	86.5	33.48	26.95	109.8	0.049	1439.6
50.0	86.5	86.5	33.48	26.95	109.8	0.054	1439.8
55.0	86.5	86.5	33.48	26.95	109.8	0.058	1440.0
60.0	86.5	86.5	33.48	26.95	109.8	0.062	1440.2
65.0	86.5	86.5	33.48	26.95	109.8	0.066	1440.5
70.0	86.5	86.5	33.48	26.95	109.8	0.070	1440.8
75.0	86.5	86.5	33.48	26.95	109.8	0.073	1441.0
80.0	86.5	86.5	33.48	26.95	109.8	0.079	1441.4
85.0	86.5	86.5	33.48	26.95	109.8	0.085	1441.8
90.0	86.5	86.5	33.48	26.95	109.8	0.087	1442.2
95.0	86.5	86.5	33.48	26.95	109.8	0.093	1442.5
100.0	86.5	86.5	33.48	26.95	109.8	0.098	1443.0
105.0	86.5	86.5	33.48	26.95	109.8	0.103	1443.5
110.0	86.5	86.5	33.48	26.95	109.8	0.108	1444.0
115.0	86.5	86.5	33.48	26.95	109.8	0.113	1444.5
120.0	86.5	86.5	33.48	26.95	109.8	0.117	1445.0
125.0	86.5	86.5	33.48	26.95	109.8	0.120	1445.5
130.0	86.5	86.5	33.48	26.95	109.8	0.124	1446.0
135.0	86.5	86.5	33.48	26.95	109.8	0.127	1446.5
140.0	86.5	86.5	33.48	26.95	109.8	0.130	1447.0
145.0	86.5	86.5	33.48	26.95	109.8	0.133	1447.5
150.0	86.5	86.5	33.48	26.95	109.8	0.137	1448.0
155.0	86.5	86.5	33.48	26.95	109.8	0.139	1448.5
160.0	86.5	86.5	33.48	26.95	109.8	0.141	1449.0
165.0	86.5	86.5	33.48	26.95	109.8	0.144	1449.5
170.0	86.5	86.5	33.48	26.95	109.8	0.146	1450.0
175.0	86.5	86.5	33.48	26.95	109.8	0.147	1450.5
180.0	86.5	86.5	33.48	26.95	109.8	0.149	1451.0
185.0	86.5	86.5	33.48	26.95	109.8	0.150	1451.5
190.0	86.5	86.5	33.48	26.95	109.8	0.153	1452.0
195.0	86.5	86.5	33.48	26.95	109.8	0.155	1452.5
200.0	86.5	86.5	33.48	26.95	109.8	0.157	1453.0
205.0	86.5	86.5	33.48	26.95	109.8	0.158	1453.5
210.0	86.5	86.5	33.48	26.95	109.8	0.160	1454.0
215.0	86.5	86.5	33.48	26.95	109.8	0.161	1454.5
220.0	86.5	86.5	33.48	26.95	109.8	0.161	1455.0
225.0	86.5	86.5	33.48	26.95	109.8	0.161	1455.5
230.0	86.5	86.5	33.48	26.95	109.8	0.161	1456.0
235.0	86.5	86.5	33.48	26.95	109.8	0.161	1456.5
240.0	86.5	86.5	33.48	26.95	109.8	0.161	1457.0
245.0	86.5	86.5	33.48	26.95	109.8	0.161	1457.5
250.0	86.5	86.5	33.48	26.95	109.8	0.161	1458.0
255.0	86.5	86.5	33.48	26.95	109.8	0.161	1458.5
260.0	86.5	86.5	33.48	26.95	109.8	0.161	1459.0
265.0	86.5	86.5	33.48	26.95	109.8	0.161	1459.5
270.0	86.5	86.5	33.48	26.95	109.8	0.161	1460.0
275.0	86.5	86.5	33.48	26.95	109.8	0.161	1460.5
280.0	86.5	86.5	33.48	26.95	109.8	0.161	1461.0
285.0	86.5	86.5	33.48	26.95	109.8	0.161	1461.5
290.0	86.5	86.5	33.48	26.95	109.8	0.161	1462.0
295.0	86.5	86.5	33.48	26.95	109.8	0.161	1462.5
300.0	86.5	86.5	33.48	26.95	109.8	0.161	1463.0
305.0	86.5	86.5	33.48	26.95	109.8	0.161	1463.5
310.0	86.5	86.5	33.48	26.95	109.8	0.161	1464.0
315.0	86.5	86.5	33.48	26.95	109.8	0.161	1464.5
320.0	86.5	86.5	33.48	26.95	109.8	0.161	1465.0
325.0	86.5	86.5	33.48	26.95	109.8	0.161	1465.5
330.0	86.5	86.5	33.48	26.95	109.8	0.161	1466.0
335.0	86.5	86.5	33.48	26.95	109.8	0.161	1466.5
340.0	86.5	86.5	33.48	26.95	109.8	0.161	1467.0
345.0	86.5	86.5	33.48	26.95	109.8	0.161	1467.5
350.0	86.5	86.5	33.48	26.95	109.8	0.161	1468.0
355.0	86.5	86.5	33.48	26.95	109.8	0.161	1468.5
360.0	86.5	86.5	33.48	26.95	109.8	0.161	1469.0
365.0	86.5	86.5	33.48	26.95	109.8	0.161	1469.5
370.0	86.5	86.5	33.48	26.95	109.8	0.161	1470.0
375.0	86.5	86.5	33.48	26.95	109.8	0.161	1470.5
380.0	86.5	86.5	33.48	26.95	109.8	0.161	1471.0
385.0	86.5	86.5	33.48	26.95	109.8	0.161	1471.5
390.0	86.5	86.5	33.48	26.95	109.8	0.161	1472.0
395.0	86.5	86.5	33.48	26.95	109.8	0.161	1472.5
400.0	86.5	86.5	33.48	26.95	109.8	0.161	1473.0
405.0	86.5	86.5	33.48	26.95	109.8	0.161	1473.5
410.0	86.5	86.5	33.48	26.95	109.8	0.161	1474.0
415.0	86.5	86.5	33.48	26.95	109.8	0.161	1474.5
420.0	86.5	86.5	33.48	26.95	109.8	0.161	1475.0
425.0	86.5	86.5	33.48	26.95	109.8	0.161	1475.5
430.0	86.5	86.5	33.48	26.95	109.8	0.161	1476.0
435.0	86.5	86.5	33.48	26.95	109.8	0.161	1476.5
440.0	86.5	86.5	33.48	26.95	109.8	0.161	1477.0
445.0	86.5	86.5	33.48	26.95	109.8	0.161	1477.5
450.0	86.5	86.5	33.48	26.95	109.8	0.161	1478.0
455.0	86.5	86.5	33.48	26.95	109.8	0.161	1478.5
460.0	86.5	86.5	33.48	26.95	109.8	0.161	1479.0
465.0	86.5	86.5	33.48	26.95	109.8	0.161	1479.5
470.0	86.5	86.5	33.48	26.95	109.8	0.161	1480.0
475.0	86.5	86.5	33.48	26.95	109.8	0.161	1480.5
480.0	86.5	86.5	33.48	26.95	109.8	0.161	1481.0
485.0	86.5	86.5	33.48	26.95	109.8	0.161	1481.5
490.0	86.5	86.5	33.48	26.95	109.8	0.161	1482.0
495.0	86.5	86.5	33.48	26.95	109.8	0.161	1482.5
500.0	86.5	86.5	33.48	26.95	109.8	0.161	1483.0
505.0	86.5	86.5	33.48	26.95	109.8	0.161	1483.5
510.0	86.5	86.5	33.48	26.95	109.8	0.161	1484.0
515.0	86.5	86.5	33.48	26.95	109.8	0.161	1484.5
520.0	86.5	86.5	33.48	26.95	109.8	0.161	1485.0
525.0	86.5	86.5	33.48	26.95	109.8	0.161	1485.5
530.0	86.5	86.5	33.48	26.95	109.8	0.161	1486.0
535.0	86.5	86.5	33.48	26.95	109.8	0.161	1486.5
540.0	86.5	86.5	33.48	26.95	109.8	0.161	1487.0
545.0	86.5	86.5	33.48	26.95	109.8	0.161	1487.5
550.0	86.5	86.5	33.48	26.95	109.8	0.161	1488.0
555.0	86.5	86.5	33.48	26.95	109.8	0.161	1488.5
560.0	86.5	86.5	33.48	26.95	109.8	0.161	1489.0
565.0	86.5	86.5	33.48	26.95	109.8	0.161	1489.5
570.0	86.5	86.5	33.48	26.95	109.8	0.161	1490.0
575.0	86.5	86.5	33.48	26.95	109.8	0.161	1490.5
580.0	86.5	86.5	33.48	26.95	109.8	0.161	1491.0
585.0	86.5	86.5	33.48	26.95	109.8	0.161	1491.5
590.0	86.5	86.5	33.48	26.95	109.8	0.161	1492.0
595.0	86.5	86.5	33.48	26.95	109.8	0.161	1492.5
600.0	86.5	86.5	33.48	26.95	109.8	0.161	1493.0
605.0	86.5	86.5	33.48	26.95	109.8	0.161	1493.5
610.0	86.5	86.5	33.48	26.95	109.8	0.161	1494.0
615.0	86.5	86.5	33.48	26.95	109.8	0.161	1494.5
620.0	86.5	86.5	33.48	26.95	109.8	0.161	1495.0
625.0	86.5	86.5	33.48	26.95	109.8	0.161	1495.5
630.0	86.5	86.5	33.48	26.95	109.8	0.161	1496.0
635.0	86.5	86.5	33.48	26.95	109.8	0.161	1496.5
640.0	86.5	86.5	33.48	26.95	109.8	0.161	1497.0
645.0	86.5	86.5	33.48	26.95	109.8	0.161	1497.5
650.0	86.5	86.5	33.48	26.95	109.8	0.161	1498.0
655.0	86.5	86.5	33.48	26.95	109.8	0.161	1498.5
660.0	86.5	86.5	33.48	26.95	109.8	0.161	1499.0
665.0	86.5	86.5	33.48	26.95	109.8	0.161	1499.5
670.0	86.5	86.5	33.48	26.95	109.8	0.161	1500.0
675.0	86.5	86.5	33.48	26.95	109.8	0.161	1500.5
680.0	86.5	86.5	33.48	26.95	109.8	0.161	1501.0
685.0	86.5	86.5	33.48	26.95	109.8	0.161	1501.5
690.0	86.5	86.5	33.48	26.95	109.8	0.161	1502.0
695.0	86.5	86.5	33.48	26.95	109.8	0.161	1502.5
700.0	86.5	86.5	33.48	26.95	109.8	0.161	1503.0
705.0	86.5	86.5	33.48	26.95	109.8	0.161	1503.5
710.0	86.5	86.5	33.48	26.95	109.8	0.161	1504.0
715.0	86.5	86.5	33.48	26.95	109.8	0.161	1504.5
720.0	86.5	86.5	33.48	26.95	109		



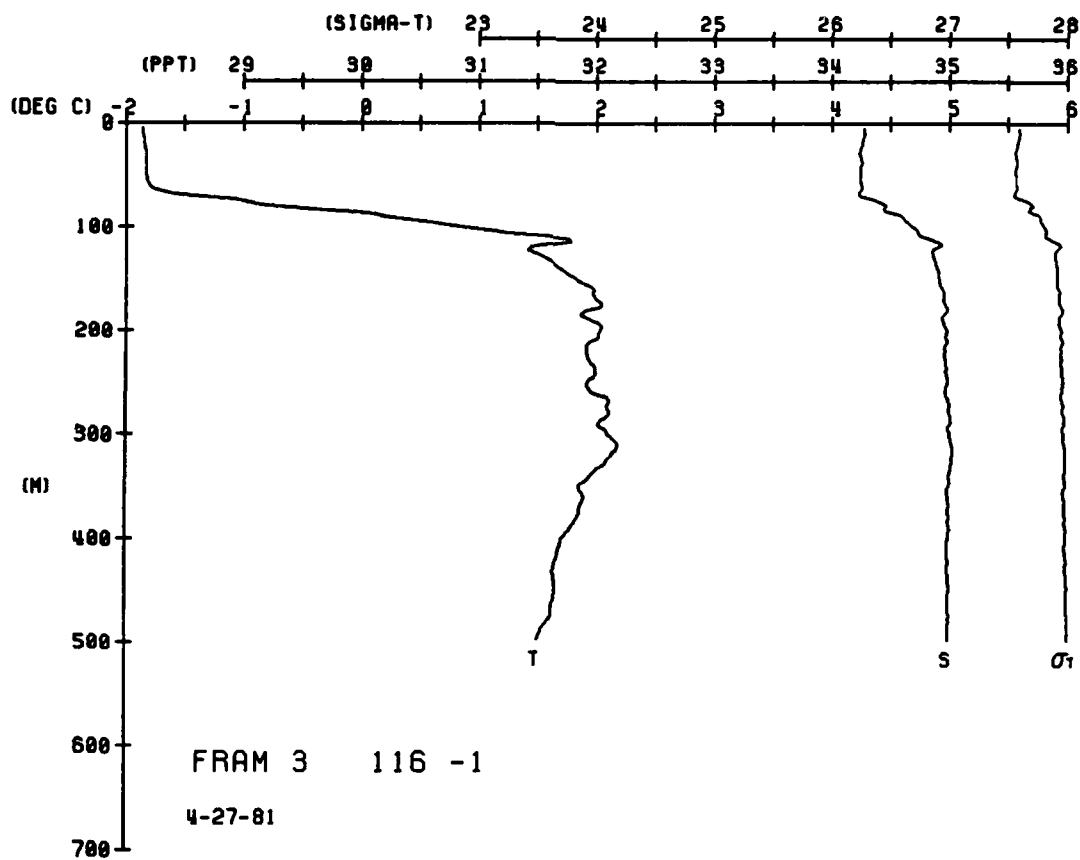
FRAM 3 STATION 115(1) CTD 27/APR/1981 1518 GMT CUDE = 5
 LAT = 81.9455N LNC = 5.5565E UTM = 30
 AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

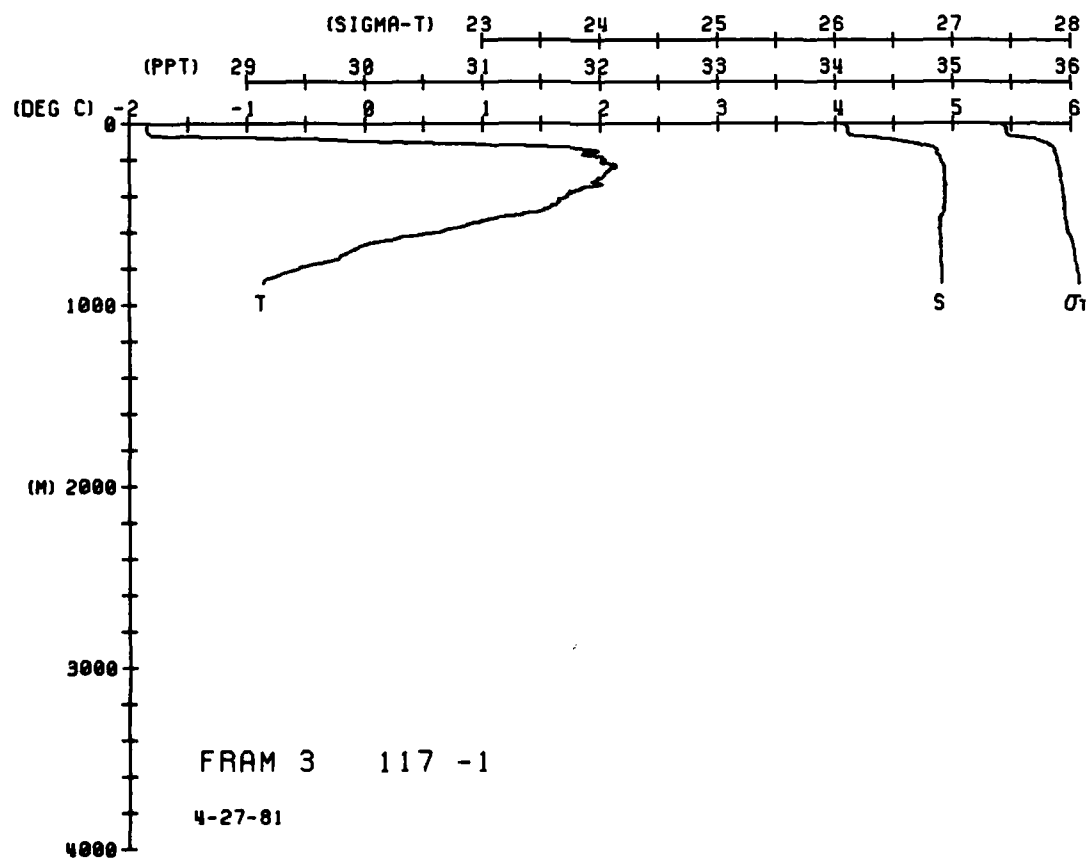
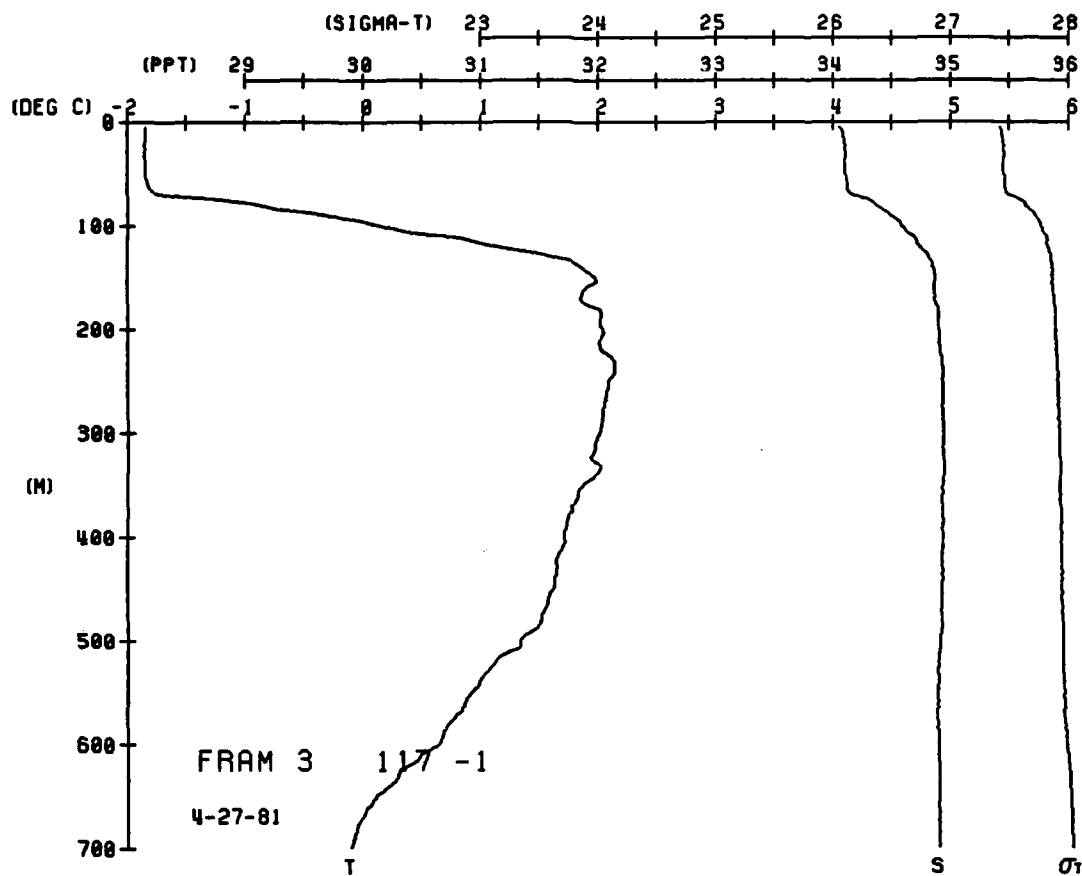
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	8.3	8.3	34.00	27.41	66.1	0.000	1439.4	710.0	-0.12	-0.15	34.84	27.98	11.5	0.183	1460.3
5	8.4	8.4	34.00	27.41	66.5	0.003	1439.5	740.0	-0.19	-0.23	34.83	27.98	11.1	0.187	1460.5
10	8.5	8.5	34.00	27.42	67.0	0.007	1439.6	770.0	-0.23	-0.27	34.84	28.01	7.1	0.192	1460.8
15	8.5	8.5	34.00	27.42	67.4	0.010	1439.7	800.0	-0.27	-0.31	34.84	28.02	6.1	0.199	1460.9
20	8.5	8.5	34.00	27.43	67.8	0.013	1439.8	830.0	-0.31	-0.35	34.84	28.02	5.9	0.200	1460.0
25	8.5	8.5	34.00	27.43	68.2	0.016	1439.9	860.0	-0.35	-0.39	34.84	28.02			
30	8.5	8.5	34.00	27.44	68.6	0.020	1440.0	890.0	-0.39	-0.43	34.84	28.02			
35	8.5	8.5	34.00	27.44	69.0	0.023	1440.1	920.0	-0.43	-0.47	34.84	28.02			
40	8.5	8.5	34.00	27.44	69.4	0.026	1440.2	950.0	-0.47	-0.51	34.84	28.02			
45	8.5	8.5	34.00	27.44	69.8	0.029	1440.3	980.0	-0.51	-0.55	34.84	28.02			
50	8.5	8.5	34.00	27.44	70.2	0.033	1440.4	1010.0	-0.55	-0.59	34.84	28.02			
55	8.5	8.5	34.00	27.44	70.6	0.036	1440.5	1040.0	-0.59	-0.63	34.84	28.02			
60	8.5	8.5	34.00	27.44	71.0	0.039	1440.6	1070.0	-0.63	-0.67	34.84	28.02			
65	8.5	8.5	34.00	27.44	71.4	0.042	1440.7	1100.0	-0.67	-0.71	34.84	28.02			
70	8.5	8.5	34.00	27.44	71.8	0.045	1440.8	1130.0	-0.71	-0.75	34.84	28.02			
75	8.5	8.5	34.00	27.44	72.2	0.048	1440.9	1160.0	-0.75	-0.79	34.84	28.02			
80	8.5	8.5	34.00	27.44	72.6	0.050	1441.0	1190.0	-0.79	-0.83	34.84	28.02			
85	8.5	8.5	34.00	27.44	73.0	0.052	1441.1	1220.0	-0.83	-0.87	34.84	28.02			
90	8.5	8.5	34.00	27.44	73.4	0.054	1441.2	1250.0	-0.87	-0.91	34.84	28.02			
95	8.5	8.5	34.00	27.44	73.8	0.056	1441.3	1280.0	-0.91	-0.95	34.84	28.02			
100	8.5	8.5	34.00	27.44	74.2	0.058	1441.4	1310.0	-0.95	-0.99	34.84	28.02			
105	8.5	8.5	34.00	27.44	74.6	0.061	1441.5	1340.0	-0.99	-1.03	34.84	28.02			
110	8.5	8.5	34.00	27.44	75.0	0.064	1441.6	1370.0	-1.03	-1.07	34.84	28.02			
115	8.5	8.5	34.00	27.44	75.4	0.067	1441.7	1400.0	-1.07	-1.11	34.84	28.02			
120	8.5	8.5	34.00	27.44	75.8	0.070	1441.8	1430.0	-1.11	-1.15	34.84	28.02			
125	8.5	8.5	34.00	27.44	76.2	0.073	1441.9	1460.0	-1.15	-1.19	34.84	28.02			
130	8.5	8.5	34.00	27.44	76.6	0.075	1442.0	1490.0	-1.19	-1.23	34.84	28.02			
135	8.5	8.5	34.00	27.44	77.0	0.078	1442.1	1520.0	-1.23	-1.27	34.84	28.02			
140	8.5	8.5	34.00	27.44	77.4	0.080	1442.2	1550.0	-1.27	-1.31	34.84	28.02			
145	8.5	8.5	34.00	27.44	77.8	0.083	1442.3	1580.0	-1.31	-1.35	34.84	28.02			
150	8.5	8.5	34.00	27.44	78.2	0.085	1442.4	1610.0	-1.35	-1.39	34.84	28.02			
155	8.5	8.5	34.00	27.44	78.6	0.088	1442.5	1640.0	-1.39	-1.43	34.84	28.02			
160	8.5	8.5	34.00	27.44	79.0	0.090	1442.6	1670.0	-1.43	-1.47	34.84	28.02			
165	8.5	8.5	34.00	27.44	79.4	0.093	1442.7	1700.0	-1.47	-1.51	34.84	28.02			
170	8.5	8.5	34.00	27.44	79.8	0.095	1442.8	1730.0	-1.51	-1.55	34.84	28.02			
175	8.5	8.5	34.00	27.44	80.2	0.097	1442.9	1760.0	-1.55	-1.59	34.84	28.02			
180	8.5	8.5	34.00	27.44	80.6	0.100	1443.0	1790.0	-1.59	-1.63	34.84	28.02			
185	8.5	8.5	34.00	27.44	81.0	0.102	1443.1	1820.0	-1.63	-1.67	34.84	28.02			
190	8.5	8.5	34.00	27.44	81.4	0.104	1443.2	1850.0	-1.67	-1.71	34.84	28.02			
195	8.5	8.5	34.00	27.44	81.8	0.107	1443.3	1880.0	-1.71	-1.75	34.84	28.02			
200	8.5	8.5	34.00	27.44	82.2	0.109	1443.4	1910.0	-1.75	-1.79	34.84	28.02			
205	8.5	8.5	34.00	27.44	82.6	0.111	1443.5	1940.0	-1.79	-1.83	34.84	28.02			
210	8.5	8.5	34.00	27.44	83.0	0.113	1443.6	1970.0	-1.83	-1.87	34.84	28.02			
215	8.5	8.5	34.00	27.44	83.4	0.116	1443.7	2000.0	-1.87	-1.91	34.84	28.02			
220	8.5	8.5	34.00	27.44	83.8	0.118	1443.8	2030.0	-1.91	-1.95	34.84	28.02			
225	8.5	8.5	34.00	27.44	84.2	0.120	1443.9	2060.0	-1.95	-1.99	34.84	28.02			
230	8.5	8.5	34.00	27.44	84.6	0.122	1444.0	2090.0	-1.99	-2.03	34.84	28.02			
235	8.5	8.5	34.00	27.44	85.0	0.124	1444.1	2120.0	-2.03	-2.07	34.84	28.02			
240	8.5	8.5	34.00	27.44	85.4	0.126	1444.2	2150.0	-2.07	-2.11	34.84	28.02			
245	8.5	8.5	34.00	27.44	85.8	0.128	1444.3	2180.0	-2.11	-2.15	34.84	28.02			
250	8.5	8.5	34.00	27.44	86.2	0.129	1444.4	2210.0	-2.15	-2.19	34.84	28.02			
255	8.5	8.5	34.00	27.44	86.6	0.131	1444.5	2240.0	-2.19	-2.23	34.84	28.02			
260	8.5	8.5	34.00	27.44	87.0	0.133	1444.6	2270.0	-2.23	-2.27	34.84	28.02			
265	8.5	8.5	34.00	27.44	87.4	0.135	1444.7	2300.0	-2.27	-2.31	34.84	28.02			
270	8.5	8.5	34.00	27.44	87.8	0.137	1444.8	2330.0	-2.31	-2.35	34.84	28.02			
275	8.5	8.5	34.00	27.44	88.2	0.139	1444.9	2360.0	-2.35	-2.39	34.84	28.02			
280	8.5	8.5	34.00	27.44	88.6	0.141	1445.0	2390.0	-2.39	-2.43	34.84	28.02			
285	8.5	8.5	34.00	27.44	89.0	0.143	1445.1	2420.0	-2.43	-2.47	34.84	28.02			
290	8.5	8.5	34.00	27.44	89.4	0.145	1445.2	2450.0	-2.47	-2.51	34.84	28.02			
295	8.5	8.5	34.00	27.44	89.8	0.147	1445.3	2480.0	-2.51	-2.55	34.84	28.02			
300	8.5	8.5	34.00	27.44	90.2	0.149	1445.4	2510.0	-2.55	-2.59	34.84	28.02			
305	8.5	8.5	34.00	27.44	90.6	0.151	1445.5	2540.0	-2.59	-2.63	34.84	28.02			
310	8.5	8.5	34.00	27.44	91.0	0.153	1445.6	2570.0	-2.63	-2.67	34.84	28.02			
315	8.5	8.5	34.00	27.44	91.4	0.155	1445.7	2600.0	-2.67	-2.71	34.84	28.02			
320	8.5	8.5	34.00	27.44	91.8	0.157	1445.8	2630.0	-2.71	-2.75	34.84	28.02			
325	8.5	8.5	34.00	27.44	92.2	0.159	1445.9	2660.0	-2.75	-2.79	34.84	28.02			
330	8.5	8.5	34.00	27.44	92.6	0.161	1446.0	2690.0	-2.79	-2.83	34.84	28.02			
335	8.5	8.5	34.00	27.44	93.0	0.163	1446.1	2720.0	-2.83	-2.87	34.84	28.02			
340	8.5	8.5	34.00	27.44	93.4	0.165	1446.2	2750.0	-2.87	-2.91	34.84	28.02			
345	8.5	8.5	34.00	27.44	93.8	0.167	1446.3	2780.0	-2.91	-2.95	34.84	28.02			
350	8.5	8.5	34.00	27.44	94.2	0.169	1446.4	2810.0	-2.95	-2.99	34.84	28.02			
355	8.5	8.5	34.00	27.44	94.6	0.171	1446.5	2840.0	-2.99	-3.03	34.84	28.02			
360	8.5	8.5	34.00	27.44	95.0	0.173	1446.6	2870.0	-3.03	-3.07	34.84	28.02			
365	8.5	8.5	34.00	27.44	95.4	0.175	1446.7	2900.0	-3.07	-3.11	34.84	28.02			
370	8.5	8.5	34.00	27.44	95.8	0.177	1446.8	2930.0	-3.11	-3.15	34.84	28.02			
375	8.5	8.5	34.00	27.44	96.2	0.179	1446.9	2960.0	-3.15	-3.19	34.84	28.02			
380	8.5	8.5	34.00	27.44	96.6	0.181	1447.0	2990.0	-3.19	-3.23	34.84	28.02			
385	8.5	8.5	34.00	27.44	97.0	0.183	1447.1	3020.0	-3.23	-3.27	34.84	28.02			
390	8.5	8.5	34.00	27.44	97.4	0.185	1447.2	3050.0	-3.27	-3.31	34.84	28.02			
395	8.5	8.5	34.00	27.44	97.8	0.187	1447.3	3080.0	-3.31	-3.35	34.84	28.02			
400	8.5	8.5	34.00	27.44	98.2	0.189	1447.4	3110.0	-3.35	-3.39	34.84	28.02			
405	8.5	8.5	34.00	27.44	98.6	0.191	1447.5	3140.0	-3.39	-3.43	34.84	28.02			
410	8.5	8.5	34.00	27.44	99.0	0.193	1447.6	3170.0	-3.43	-3.47	34.84	28.02			
415	8.5	8.5	34.00	27.44	99.4	0.195	1447.7	3200.0	-3.47	-3.51	34.84	28.02			
420	8.5	8.5	34.00	27.44	99.8	0.197	1447.8	3230.0	-3.51	-3.55	34.84	28.02			
425	8.5	8.5	34.00	27.44	100.2	0.199	1447.9	3260.0	-3.55	-3.59	34.84	28.02			
430	8.5														



FROM 3 STATION 116(1) CTD 27/APR/1981 1631 GMT CODE = 5
 LAT = 81.6617N LMG = 1.8100E LTER = 300 LGER = 300
 AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

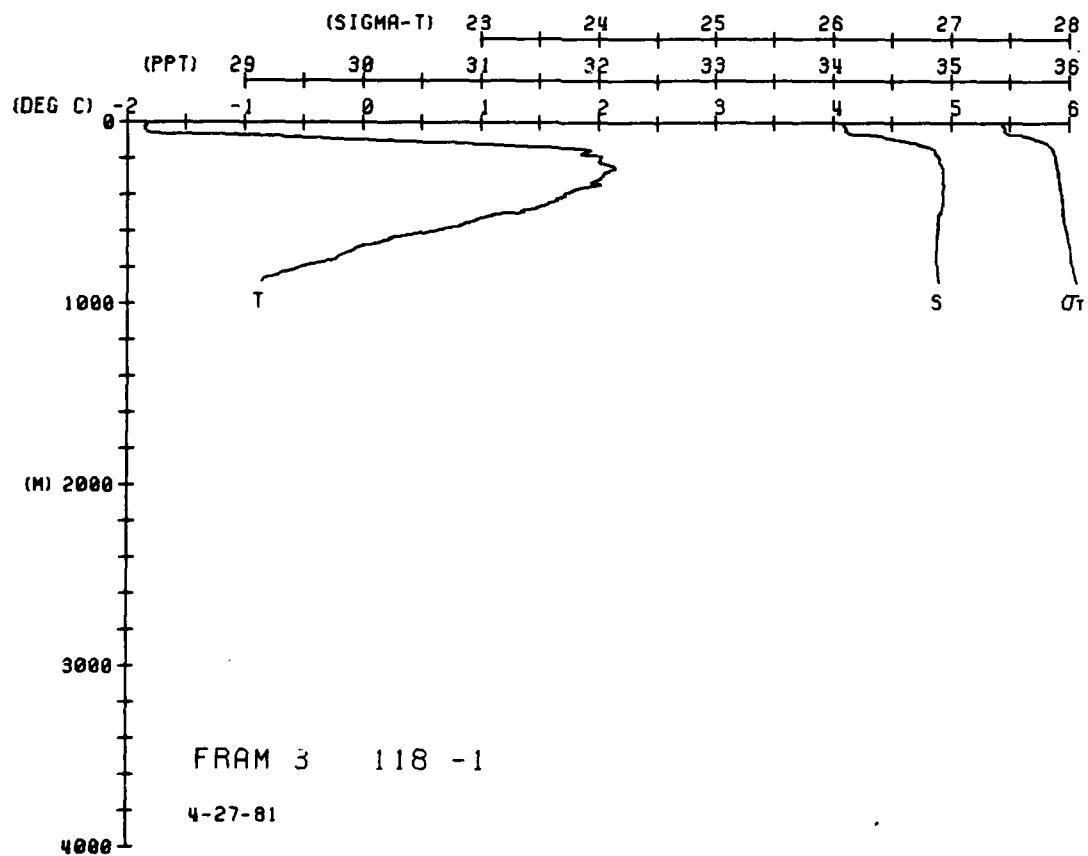
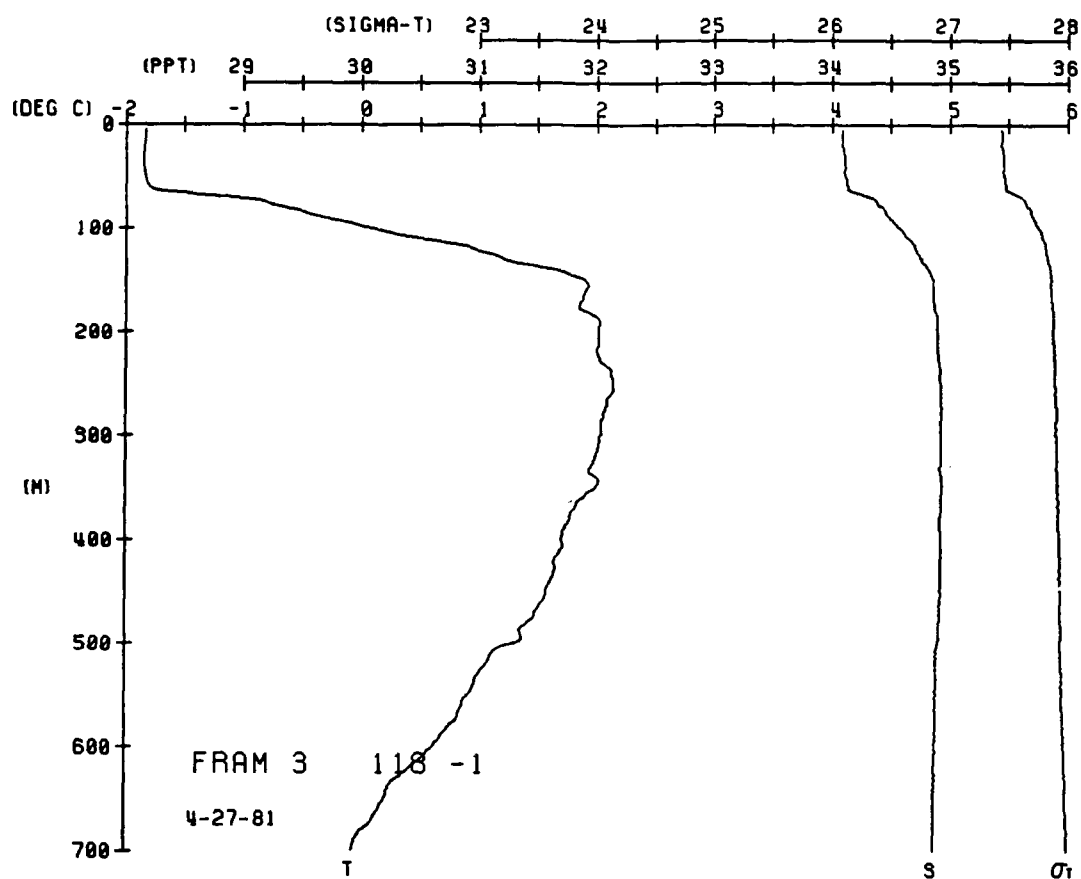
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	86	86	27	59	49	0	1439.6
5	86	86	27	59	48	0	1439.7
10	85	85	27	59	48	0	1439.8
15	85	85	27	59	48	0	1439.9
20	85	85	27	59	48	0	1440.0
25	85	85	27	59	48	0	1440.1
30	85	85	27	59	48	0	1440.2
35	85	85	27	59	48	0	1440.3
40	85	85	27	59	48	0	1440.4
45	85	85	27	59	48	0	1440.5
50	85	85	27	59	48	0	1440.6
55	85	85	27	59	48	0	1440.7
60	85	85	27	59	48	0	1440.8
65	85	85	27	59	48	0	1440.9
70	85	85	27	59	48	0	1441.0
75	85	85	27	59	48	0	1441.1
80	85	85	27	59	48	0	1441.2
85	85	85	27	59	48	0	1441.3
90	85	85	27	59	48	0	1441.4
95	85	85	27	59	48	0	1441.5
100	85	85	27	59	48	0	1441.6
110	85	85	27	59	48	0	1441.7
120	85	85	27	59	48	0	1441.8
130	85	85	27	59	48	0	1441.9
140	85	85	27	59	48	0	1442.0
150	85	85	27	59	48	0	1442.1
160	85	85	27	59	48	0	1442.2
170	85	85	27	59	48	0	1442.3
180	85	85	27	59	48	0	1442.4
190	85	85	27	59	48	0	1442.5
200	85	85	27	59	48	0	1442.6
210	85	85	27	59	48	0	1442.7
220	85	85	27	59	48	0	1442.8
230	85	85	27	59	48	0	1442.9
240	85	85	27	59	48	0	1443.0
250	85	85	27	59	48	0	1443.1
260	85	85	27	59	48	0	1443.2
270	85	85	27	59	48	0	1443.3
280	85	85	27	59	48	0	1443.4
290	85	85	27	59	48	0	1443.5
300	85	85	27	59	48	0	1443.6
310	85	85	27	59	48	0	1443.7
320	85	85	27	59	48	0	1443.8
330	85	85	27	59	48	0	1443.9
340	85	85	27	59	48	0	1444.0
350	85	85	27	59	48	0	1444.1
360	85	85	27	59	48	0	1444.2
370	85	85	27	59	48	0	1444.3
380	85	85	27	59	48	0	1444.4
390	85	85	27	59	48	0	1444.5
400	85	85	27	59	48	0	1444.6
410	85	85	27	59	48	0	1444.7
420	85	85	27	59	48	0	1444.8
430	85	85	27	59	48	0	1444.9
440	85	85	27	59	48	0	1445.0
450	85	85	27	59	48	0	1445.1
460	85	85	27	59	48	0	1445.2
470	85	85	27	59	48	0	1445.3
480	85	85	27	59	48	0	1445.4
490	85	85	27	59	48	0	1445.5
500	85	85	27	59	48	0	1445.6





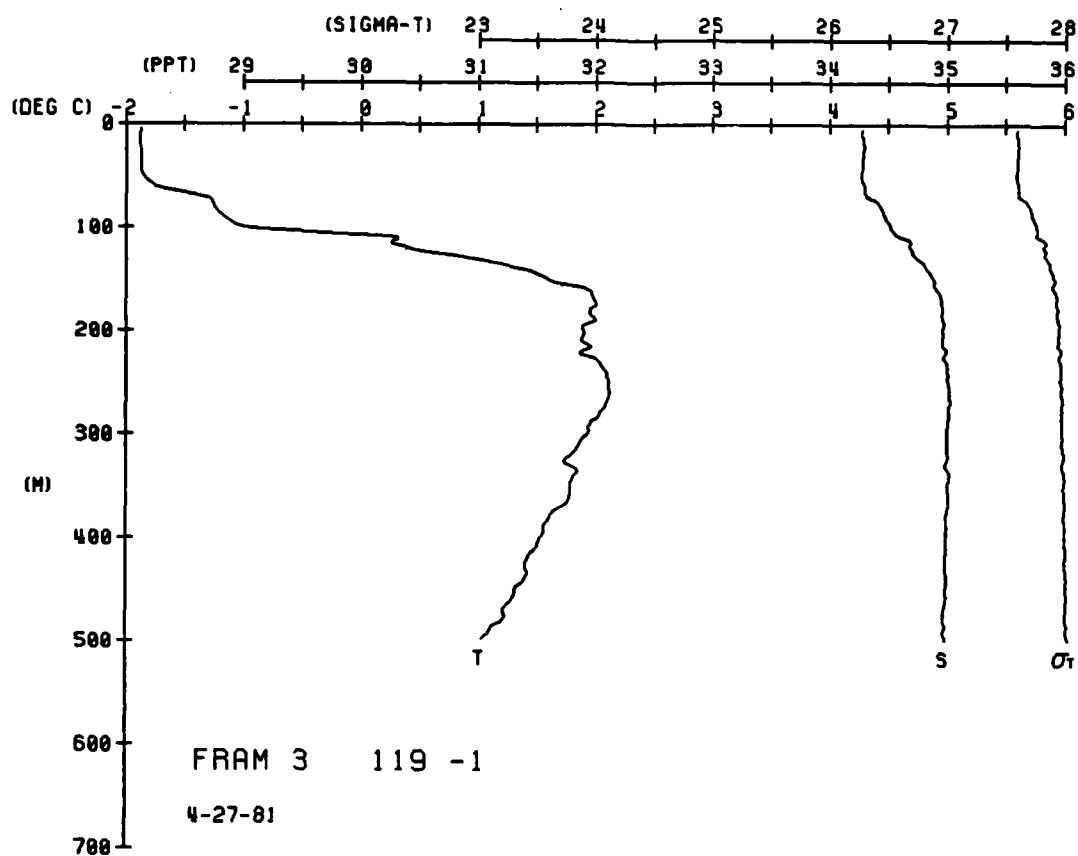
PHAM 3 STATION 118(1) CTD 27/APR/1981 1735 GMT CUDE = 5
 LAT = 81.9368N LNG = 5.5428E LTR = 30. LGK = 30.
 AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	8.3	1.83	34.09	28.01	8.4	0.162	1460.5
5	8.4	1.84	34.09	28.02	7.8	0.168	1460.5
10	8.4	1.84	34.09	28.04	5.5	0.170	1460.1
15	8.4	1.84	34.09	28.05	3.2	0.171	1459.8
20	8.5	1.85	34.09	28.07	1.4		
25	8.5	1.85	34.09				
30	8.5	1.85	34.09				
35	8.5	1.85	34.09				
40	8.5	1.85	34.09				
45	8.5	1.85	34.09				
50	8.5	1.85	34.09				
55	8.5	1.85	34.09				
60	8.5	1.85	34.09				
65	8.5	1.85	34.09				
70	8.5	1.85	34.09				
75	8.5	1.85	34.09				
80	8.5	1.85	34.09				
85	8.5	1.85	34.09				
90	8.5	1.85	34.09				
95	8.5	1.85	34.09				
100	8.5	1.85	34.09				
105	8.5	1.85	34.09				
110	8.5	1.85	34.09				
115	8.5	1.85	34.09				
120	8.5	1.85	34.09				
125	8.5	1.85	34.09				
130	8.5	1.85	34.09				
135	8.5	1.85	34.09				
140	8.5	1.85	34.09				
145	8.5	1.85	34.09				
150	8.5	1.85	34.09				
155	8.5	1.85	34.09				
160	8.5	1.85	34.09				
165	8.5	1.85	34.09				
170	8.5	1.85	34.09				
175	8.5	1.85	34.09				
180	8.5	1.85	34.09				
185	8.5	1.85	34.09				
190	8.5	1.85	34.09				
195	8.5	1.85	34.09				
200	8.5	1.85	34.09				
205	8.5	1.85	34.09				
210	8.5	1.85	34.09				
215	8.5	1.85	34.09				
220	8.5	1.85	34.09				
225	8.5	1.85	34.09				
230	8.5	1.85	34.09				
235	8.5	1.85	34.09				
240	8.5	1.85	34.09				
245	8.5	1.85	34.09				
250	8.5	1.85	34.09				
255	8.5	1.85	34.09				
260	8.5	1.85	34.09				
265	8.5	1.85	34.09				
270	8.5	1.85	34.09				
275	8.5	1.85	34.09				
280	8.5	1.85	34.09				
285	8.5	1.85	34.09				
290	8.5	1.85	34.09				
295	8.5	1.85	34.09				
300	8.5	1.85	34.09				
305	8.5	1.85	34.09				
310	8.5	1.85	34.09				
315	8.5	1.85	34.09				
320	8.5	1.85	34.09				
325	8.5	1.85	34.09				
330	8.5	1.85	34.09				
335	8.5	1.85	34.09				
340	8.5	1.85	34.09				
345	8.5	1.85	34.09				
350	8.5	1.85	34.09				
355	8.5	1.85	34.09				
360	8.5	1.85	34.09				
365	8.5	1.85	34.09				
370	8.5	1.85	34.09				
375	8.5	1.85	34.09				
380	8.5	1.85	34.09				
385	8.5	1.85	34.09				
390	8.5	1.85	34.09				
395	8.5	1.85	34.09				
400	8.5	1.85	34.09				
405	8.5	1.85	34.09				
410	8.5	1.85	34.09				
415	8.5	1.85	34.09				
420	8.5	1.85	34.09				
425	8.5	1.85	34.09				
430	8.5	1.85	34.09				
435	8.5	1.85	34.09				
440	8.5	1.85	34.09				
445	8.5	1.85	34.09				
450	8.5	1.85	34.09				
455	8.5	1.85	34.09				
460	8.5	1.85	34.09				
465	8.5	1.85	34.09				
470	8.5	1.85	34.09				
475	8.5	1.85	34.09				
480	8.5	1.85	34.09				
485	8.5	1.85	34.09				
490	8.5	1.85	34.09				
495	8.5	1.85	34.09				
500	8.5	1.85	34.09				
505	8.5	1.85	34.09				
510	8.5	1.85	34.09				
515	8.5	1.85	34.09				
520	8.5	1.85	34.09				
525	8.5	1.85	34.09				
530	8.5	1.85	34.09				
535	8.5	1.85	34.09				
540	8.5	1.85	34.09				
545	8.5	1.85	34.09				
550	8.5	1.85	34.09				
555	8.5	1.85	34.09				
560	8.5	1.85	34.09				
565	8.5	1.85	34.09				
570	8.5	1.85	34.09				
575	8.5	1.85	34.09				
580	8.5	1.85	34.09				
585	8.5	1.85	34.09				
590	8.5	1.85	34.09				
595	8.5	1.85	34.09				
600	8.5	1.85	34.09				
605	8.5	1.85	34.09				
610	8.5	1.85	34.09				
615	8.5	1.85	34.09				
620	8.5	1.85	34.09				
625	8.5	1.85	34.09				
630	8.5	1.85	34.09				
635	8.5	1.85	34.09				
640	8.5	1.85	34.09				
645	8.5	1.85	34.09				
650	8.5	1.85	34.09				
655	8.5	1.85	34.09				
660	8.5	1.85	34.09				
665	8.5	1.85	34.09				
670	8.5	1.85	34.09				
675	8.5	1.85	34.09				
680	8.5	1.85	34.09				
685	8.5	1.85	34.09				
690	8.5	1.85	34.09				
695	8.5	1.85	34.09				
700	8.5	1.85	34.09				
705	8.5	1.85	34.09				
710	8.5	1.85	34.09				
715	8.5	1.85	34.09				
720	8.5	1.85	34.09				
725	8.5	1.85	34.09				
730	8.5	1.85	34.09				
735	8.5	1.85	34.09				
740	8.5	1.85	34.09				
745	8.5	1.85	34.09				
750	8.5	1.85	34.09				
755	8.5	1.85	34.09				
760	8.5	1.85	34.09				
765	8.5	1.85	34.09				
770	8.5	1.85	34.09				
775	8.5	1.85	34.09				
780	8.5	1.85	34.09				
785	8.5	1.85	34.09				
790	8.5	1.85	34.09				
795	8.5	1.85	34.09				
800	8.5	1.85	34.09				
805	8.5	1.85	34.09				
810	8.5	1.85	34.09				
815	8.5	1.85	34.09				
820	8.5	1.85	34.09				
825	8.5	1.85	34.09				
830	8.5	1.85	34.09				
835	8.5	1.85	34.09				
840	8.5	1.85	34.09				
845	8.5	1.85	34.09				
850	8.5	1.85	34.09				
855	8.5	1.85	34.09				
860	8.5	1.85	34.09				
865	8.5	1.85	34.09				
870	8.5	1.85	34.09				
875	8.5	1.85	34.09				
880	8.5	1.85	34.09				
885	8.5	1.85	34.09				
890	8.5	1.85	34.09				
895	8.5	1.85	34.09				
900	8.5	1.85	34.09				
905	8.5	1.85	34.09				
910	8.5	1.85	34.09				
915	8.5	1.85	34.09				
920	8.5	1.85	34.09				
925	8.5	1.85	34.09				
930	8.5	1.85	34.09				
935	8.5	1.85	34.09				
940	8.5	1.85	34.09				
945	8.5	1.85	34.09				
950	8.5	1.85	34.09				
955	8.5	1.85	34.09				
960	8.5	1.85	34.09				
965	8.5	1.85	34.09				
970	8.5	1.85	34.09				
975	8.5	1.85	34.09				
980	8.5	1.85	34.09				
985	8.5	1.85	34.09				
990	8.5	1.85	34.09				
995	8.5	1.85	34.09				
1000	8.5	1.85	34.09				



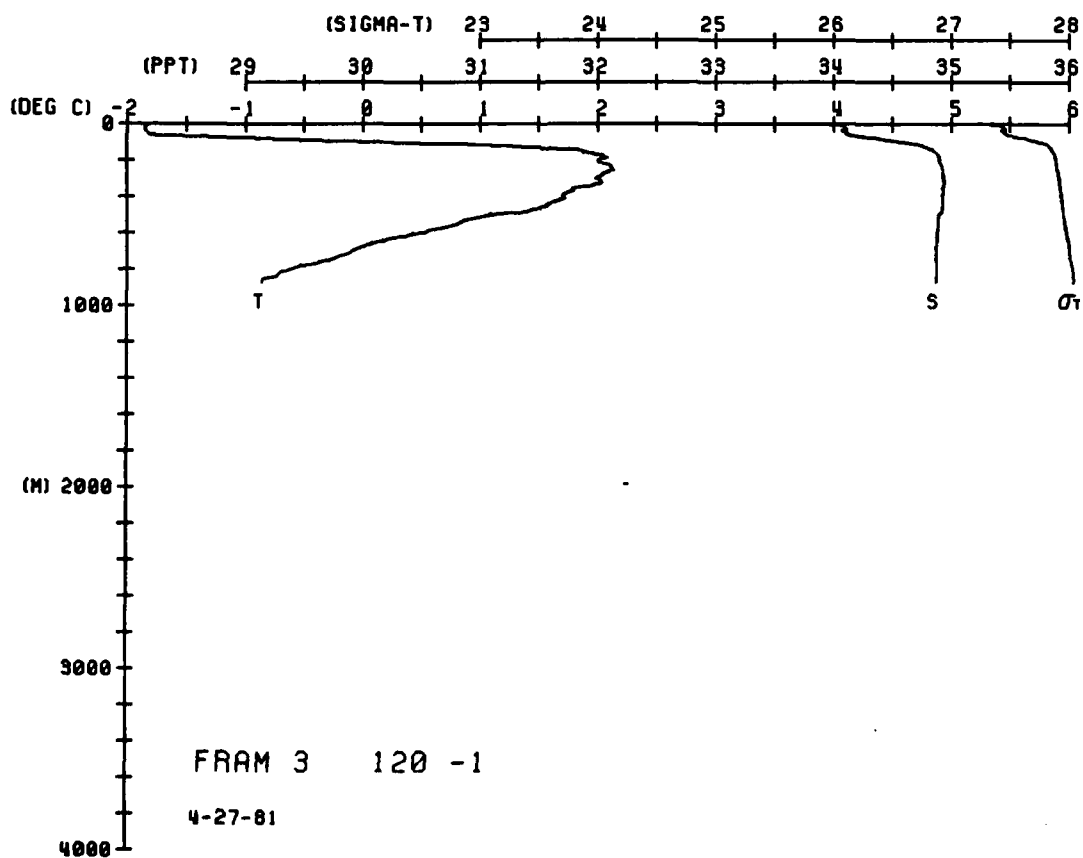
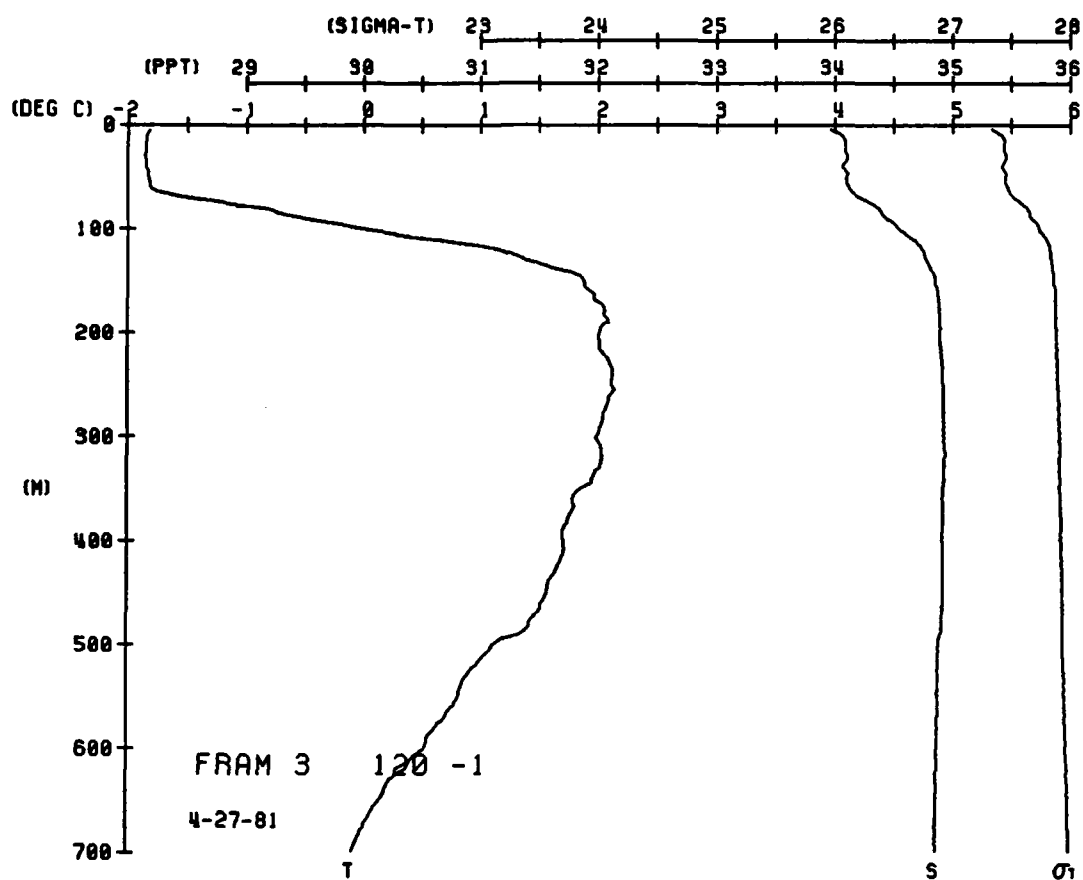
FROM 3, STATION 119(1) CTU 27/APR/1981 1736 GMT CODE = 5
LAT = 81.6717N LNG = 3.5700E LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAKUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	LYNHT	SOUND
0	1.87	1.87	34.28	27.60	48.0	0.000	149.6
1	1.87	1.87	34.28	27.60	48.0	0.002	143.6
2	1.88	1.88	34.28	27.60	48.0	0.005	143.7
3	1.88	1.88	34.29	27.61	48.0	0.007	143.8
4	1.88	1.88	34.29	27.61	46.6	0.010	143.9
5	1.88	1.87	34.29	27.61	47.2	0.014	144.0
6	1.87	1.87	34.29	27.60	47.7	0.017	144.1
7	1.87	1.87	34.29	27.60	47.5	0.019	144.2
8	1.87	1.87	34.29	27.60	48.5	0.022	144.3
9	1.85	1.85	34.29	27.59	48.5	0.024	144.5
10	1.81	1.81	34.29	27.60	47.8	0.026	144.8
11	1.75	1.75	34.30	27.61	46.9	0.029	144.2
12	1.65	1.65	34.33	27.62	45.3	0.031	144.2
13	1.55	1.55	34.34	27.62	45.3	0.034	144.3
14	1.45	1.45	34.34	27.62	45.3	0.036	144.3
15	1.35	1.35	34.34	27.62	45.3	0.038	144.4
16	1.25	1.25	34.34	27.62	45.3	0.041	144.4
17	1.15	1.15	34.34	27.62	45.3	0.043	144.4
18	1.05	1.05	34.34	27.62	45.3	0.045	144.4
19	0.95	0.95	34.34	27.62	45.3	0.048	144.5
20	0.85	0.85	34.34	27.62	45.3	0.050	144.5
21	0.75	0.75	34.34	27.62	45.3	0.053	144.5
22	0.65	0.65	34.34	27.62	45.3	0.055	144.5
23	0.55	0.55	34.34	27.62	45.3	0.057	144.5
24	0.45	0.45	34.34	27.62	45.3	0.059	144.5
25	0.35	0.35	34.34	27.62	45.3	0.061	144.5
26	0.25	0.25	34.34	27.62	45.3	0.063	144.5
27	0.15	0.15	34.34	27.62	45.3	0.064	144.5
28	0.05	0.05	34.34	27.62	45.3	0.066	144.5
29	0.00	0.00	34.34	27.62	45.3	0.067	144.5
30	0.00	0.00	34.34	27.62	45.3	0.069	144.5
31	0.00	0.00	34.34	27.62	45.3	0.071	144.5
32	0.00	0.00	34.34	27.62	45.3	0.073	144.5
33	0.00	0.00	34.34	27.62	45.3	0.075	144.5
34	0.00	0.00	34.34	27.62	45.3	0.077	144.5
35	0.00	0.00	34.34	27.62	45.3	0.078	144.5
36	0.00	0.00	34.34	27.62	45.3	0.080	144.5
37	0.00	0.00	34.34	27.62	45.3	0.081	144.5
38	0.00	0.00	34.34	27.62	45.3	0.082	144.5
39	0.00	0.00	34.34	27.62	45.3	0.083	144.5
40	0.00	0.00	34.34	27.62	45.3	0.085	144.5
41	0.00	0.00	34.34	27.62	45.3	0.086	144.5
42	0.00	0.00	34.34	27.62	45.3	0.087	144.5
43	0.00	0.00	34.34	27.62	45.3	0.089	144.5
44	0.00	0.00	34.34	27.62	45.3	0.091	144.5
45	0.00	0.00	34.34	27.62	45.3	0.092	144.5
46	0.00	0.00	34.34	27.62	45.3	0.093	144.5
47	0.00	0.00	34.34	27.62	45.3	0.094	144.5
48	0.00	0.00	34.34	27.62	45.3	0.095	144.5
49	0.00	0.00	34.34	27.62	45.3	0.097	144.5
50	0.00	0.00	34.34	27.62	45.3	0.098	144.5
51	0.00	0.00	34.34	27.62	45.3	0.099	144.5
52	0.00	0.00	34.34	27.62	45.3	0.100	144.5
53	0.00	0.00	34.34	27.62	45.3	0.101	144.5
54	0.00	0.00	34.34	27.62	45.3	0.102	144.5
55	0.00	0.00	34.34	27.62	45.3	0.103	144.5
56	0.00	0.00	34.34	27.62	45.3	0.104	144.5
57	0.00	0.00	34.34	27.62	45.3	0.105	144.5
58	0.00	0.00	34.34	27.62	45.3	0.106	144.5
59	0.00	0.00	34.34	27.62	45.3	0.107	144.5
60	0.00	0.00	34.34	27.62	45.3	0.108	144.5
61	0.00	0.00	34.34	27.62	45.3	0.109	144.5
62	0.00	0.00	34.34	27.62	45.3	0.110	144.5
63	0.00	0.00	34.34	27.62	45.3	0.111	144.5
64	0.00	0.00	34.34	27.62	45.3	0.112	144.5
65	0.00	0.00	34.34	27.62	45.3	0.113	144.5
66	0.00	0.00	34.34	27.62	45.3	0.114	144.5
67	0.00	0.00	34.34	27.62	45.3	0.115	144.5
68	0.00	0.00	34.34	27.62	45.3	0.116	144.5
69	0.00	0.00	34.34	27.62	45.3	0.117	144.5
70	0.00	0.00	34.34	27.62	45.3	0.118	144.5
71	0.00	0.00	34.34	27.62	45.3	0.119	144.5
72	0.00	0.00	34.34	27.62	45.3	0.120	144.5
73	0.00	0.00	34.34	27.62	45.3	0.121	144.5
74	0.00	0.00	34.34	27.62	45.3	0.122	144.5
75	0.00	0.00	34.34	27.62	45.3	0.123	144.5
76	0.00	0.00	34.34	27.62	45.3	0.124	144.5
77	0.00	0.00	34.34	27.62	45.3	0.125	144.5
78	0.00	0.00	34.34	27.62	45.3	0.126	144.5
79	0.00	0.00	34.34	27.62	45.3	0.127	144.5
80	0.00	0.00	34.34	27.62	45.3	0.128	144.5
81	0.00	0.00	34.34	27.62	45.3	0.129	144.5
82	0.00	0.00	34.34	27.62	45.3	0.130	144.5
83	0.00	0.00	34.34	27.62	45.3	0.131	144.5
84	0.00	0.00	34.34	27.62	45.3	0.132	144.5
85	0.00	0.00	34.34	27.62	45.3	0.133	144.5
86	0.00	0.00	34.34	27.62	45.3	0.134	144.5
87	0.00	0.00	34.34	27.62	45.3	0.135	144.5
88	0.00	0.00	34.34	27.62	45.3	0.136	144.5
89	0.00	0.00	34.34	27.62	45.3	0.137	144.5
90	0.00	0.00	34.34	27.62	45.3	0.138	144.5
91	0.00	0.00	34.34	27.62	45.3	0.139	144.5
92	0.00	0.00	34.34	27.62	45.3	0.140	144.5
93	0.00	0.00	34.34	27.62	45.3	0.141	144.5
94	0.00	0.00	34.34	27.62	45.3	0.142	144.5
95	0.00	0.00	34.34	27.62	45.3	0.143	144.5
96	0.00	0.00	34.34	27.62	45.3	0.144	144.5
97	0.00	0.00	34.34	27.62	45.3	0.145	144.5
98	0.00	0.00	34.34	27.62	45.3	0.146	144.5
99	0.00	0.00	34.34	27.62	45.3	0.147	144.5
100	0.00	0.00	34.34	27.62	45.3	0.148	144.5



PHAM 3 STATION 120(1) CTD 27/APR/1981 2013 GMT CODE = 5
 LAT = 81.9327N LONG = 5.5318E UTER = 30.0
 AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	1.80	1.81	33.94	22.32	74.6	0.000	1439.4	710.0	-0.12	-0.19	34.88	28.01	8.4	0.162	1460.4
5	1.82	1.82	33.97	22.32	74.5	0.003	1439.5	740.0	-0.24	-0.27	34.88	28.02	5.5	0.165	1460.3
10	1.85	1.85	33.94	22.32	74.5	0.007	1439.5	840.0	-0.56	-0.59	34.88	28.03	4.4	0.171	1459.7
15	1.88	1.88	33.94	22.32	74.5	0.010	1439.5	869.8	-0.74	-0.77	34.87	28.05	3.6	0.172	1459.7
20	1.88	1.88	33.94	22.32	74.5	0.014	1439.5		-0.86	-0.89	34.87				
25	1.88	1.88	33.94	22.32	74.5	0.020	1439.5								
30	1.88	1.88	33.94	22.32	74.5	0.023	1439.5								
35	1.88	1.88	33.94	22.32	74.5	0.026	1439.5								
40	1.88	1.88	33.94	22.32	74.5	0.029	1439.5								
45	1.88	1.88	33.94	22.32	74.5	0.032	1439.5								
50	1.88	1.88	33.94	22.32	74.5	0.035	1439.5								
55	1.88	1.88	33.94	22.32	74.5	0.039	1439.5								
60	1.88	1.88	33.94	22.32	74.5	0.042	1439.5								
65	1.88	1.88	33.94	22.32	74.5	0.044	1439.5								
70	1.88	1.88	33.94	22.32	74.5	0.049	1439.5								
75	1.88	1.88	33.94	22.32	74.5	0.051	1439.5								
80	1.88	1.88	33.94	22.32	74.5	0.055	1439.5								
85	1.88	1.88	33.94	22.32	74.5	0.057	1439.5								
90	1.88	1.88	33.94	22.32	74.5	0.060	1439.5								
95	1.88	1.88	33.94	22.32	74.5	0.063	1439.5								
100	1.88	1.88	33.94	22.32	74.5	0.068	1439.5								
110	1.88	1.88	33.94	22.32	74.5	0.073	1439.5								
120	1.88	1.88	33.94	22.32	74.5	0.077	1439.5								
130	1.88	1.88	33.94	22.32	74.5	0.081	1439.5								
140	1.88	1.88	33.94	22.32	74.5	0.084	1439.5								
150	1.88	1.88	33.94	22.32	74.5	0.086	1439.5								
160	1.88	1.88	33.94	22.32	74.5	0.088	1439.5								
170	1.88	1.88	33.94	22.32	74.5	0.090	1439.5								
180	1.88	1.88	33.94	22.32	74.5	0.092	1439.5								
190	1.88	1.88	33.94	22.32	74.5	0.094	1439.5								
200	1.88	1.88	33.94	22.32	74.5	0.096	1439.5								
210	1.88	1.88	33.94	22.32	74.5	0.098	1439.5								
220	1.88	1.88	33.94	22.32	74.5	0.100	1439.5								
230	1.88	1.88	33.94	22.32	74.5	0.102	1439.5								
240	1.88	1.88	33.94	22.32	74.5	0.103	1439.5								
250	1.88	1.88	33.94	22.32	74.5	0.106	1439.5								
260	1.88	1.88	33.94	22.32	74.5	0.108	1439.5								
270	1.88	1.88	33.94	22.32	74.5	0.110	1439.5								
280	1.88	1.88	33.94	22.32	74.5	0.111	1439.5								
290	1.88	1.88	33.94	22.32	74.5	0.112	1439.5								
300	1.88	1.88	33.94	22.32	74.5	0.113	1439.5								
310	1.88	1.88	33.94	22.32	74.5	0.114	1439.5								
320	1.88	1.88	33.94	22.32	74.5	0.115	1439.5								
330	1.88	1.88	33.94	22.32	74.5	0.116	1439.5								
340	1.88	1.88	33.94	22.32	74.5	0.117	1439.5								
350	1.88	1.88	33.94	22.32	74.5	0.118	1439.5								
360	1.88	1.88	33.94	22.32	74.5	0.119	1439.5								
370	1.88	1.88	33.94	22.32	74.5	0.120	1439.5								
380	1.88	1.88	33.94	22.32	74.5	0.121	1439.5								
390	1.88	1.88	33.94	22.32	74.5	0.122	1439.5								
400	1.88	1.88	33.94	22.32	74.5	0.123	1439.5								
410	1.88	1.88	33.94	22.32	74.5	0.124	1439.5								
420	1.88	1.88	33.94	22.32	74.5	0.125	1439.5								
430	1.88	1.88	33.94	22.32	74.5	0.126	1439.5								
440	1.88	1.88	33.94	22.32	74.5	0.127	1439.5								
450	1.88	1.88	33.94	22.32	74.5	0.128	1439.5								
460	1.88	1.88	33.94	22.32	74.5	0.129	1439.5								
470	1.88	1.88	33.94	22.32	74.5	0.130	1439.5								
480	1.88	1.88	33.94	22.32	74.5	0.131	1439.5								
490	1.88	1.88	33.94	22.32	74.5	0.132	1439.5								
500	1.88	1.88	33.94	22.32	74.5	0.133	1439.5								
510	1.88	1.88	33.94	22.32	74.5	0.134	1439.5								
520	1.88	1.88	33.94	22.32	74.5	0.135	1439.5								
530	1.88	1.88	33.94	22.32	74.5	0.136	1439.5								
540	1.88	1.88	33.94	22.32	74.5	0.137	1439.5								
550	1.88	1.88	33.94	22.32	74.5	0.138	1439.5								
560	1.88	1.88	33.94	22.32	74.5	0.139	1439.5								
570	1.88	1.88	33.94	22.32	74.5	0.140	1439.5								
580	1.88	1.88	33.94	22.32	74.5	0.141	1439.5								
590	1.88	1.88	33.94	22.32	74.5	0.142	1439.5								
600	1.88	1.88	33.94	22.32	74.5	0.143	1439.5								

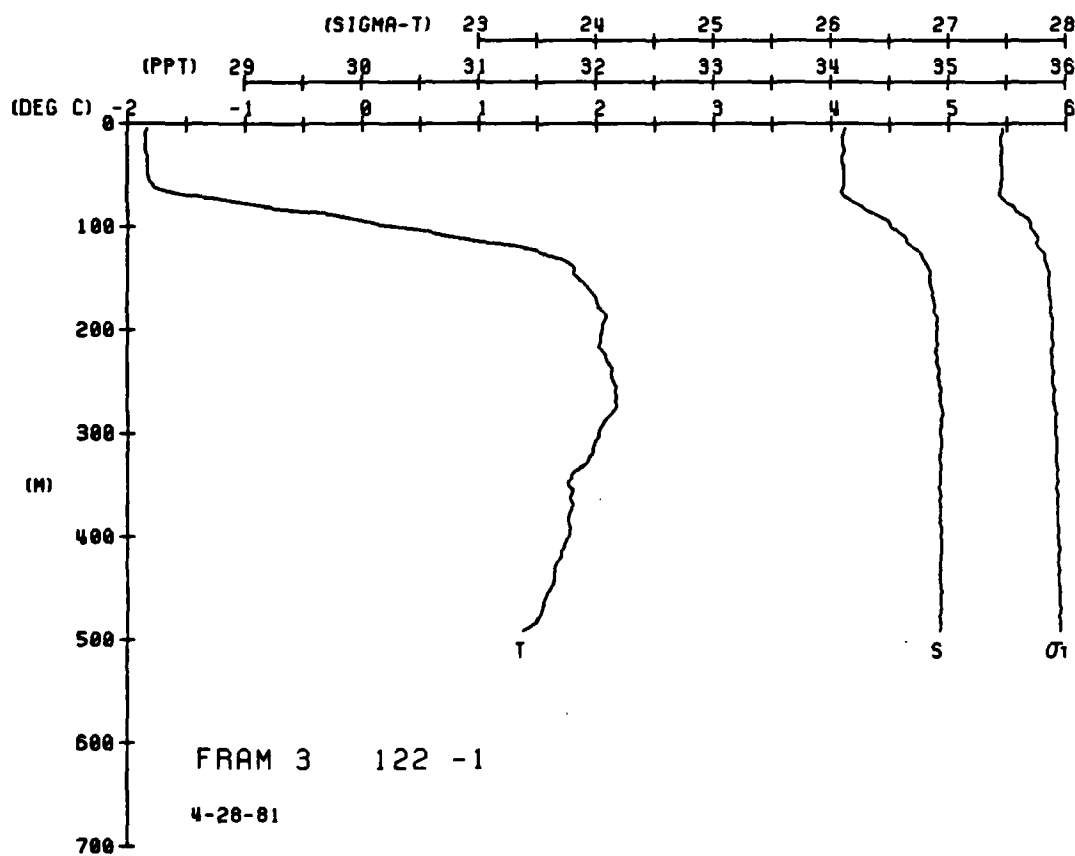
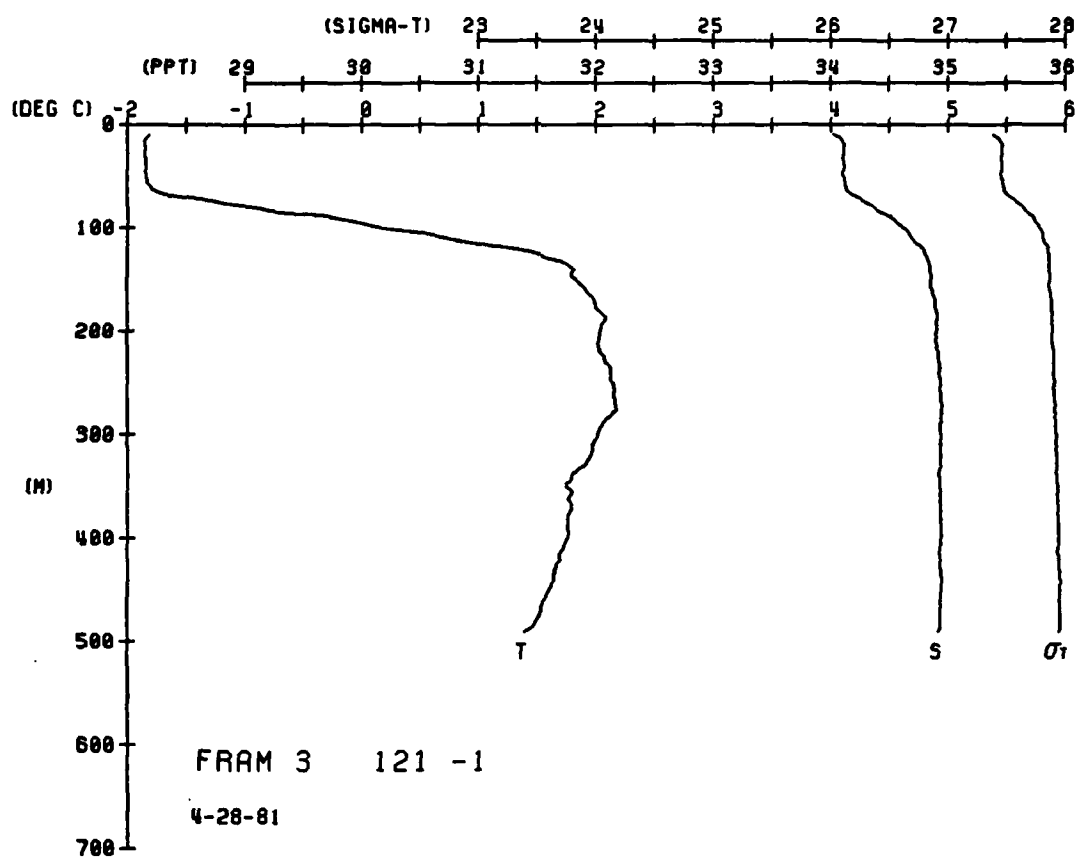


FRAM 3 STATION 121(1) CTU 28/APR/1981 922 GMT CODE = 5
LAT = 81.9305N LNG = 5.5187E UTM = 30
AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	81	1.81	34	27	9	0.000	1439.5
5	81	1.81	34	27	9	0.000	1439.6
10	81	1.81	34	27	9	0.000	1439.7
15	81	1.81	34	27	9	0.000	1439.8
20	81	1.81	34	27	9	0.000	1439.9
25	81	1.81	34	27	9	0.000	1440.0
30	81	1.81	34	27	9	0.000	1440.1
35	81	1.81	34	27	9	0.000	1440.2
40	81	1.81	34	27	9	0.000	1440.3
45	81	1.81	34	27	9	0.000	1440.4
50	81	1.81	34	27	9	0.000	1440.5
55	81	1.81	34	27	9	0.000	1440.6
60	81	1.81	34	27	9	0.000	1440.7
65	81	1.81	34	27	9	0.000	1440.8
70	81	1.81	34	27	9	0.000	1440.9
75	81	1.81	34	27	9	0.000	1441.0
80	81	1.81	34	27	9	0.000	1441.1
85	81	1.81	34	27	9	0.000	1441.2
90	81	1.81	34	27	9	0.000	1441.3
95	81	1.81	34	27	9	0.000	1441.4
100	81	1.81	34	27	9	0.000	1441.5
110	81	1.81	34	27	9	0.000	1441.6
120	81	1.81	34	27	9	0.000	1441.7
130	81	1.81	34	27	9	0.000	1441.8
140	81	1.81	34	27	9	0.000	1441.9
150	81	1.81	34	27	9	0.000	1442.0
160	81	1.81	34	27	9	0.000	1442.1
170	81	1.81	34	27	9	0.000	1442.2
180	81	1.81	34	27	9	0.000	1442.3
190	81	1.81	34	27	9	0.000	1442.4
200	81	1.81	34	27	9	0.000	1442.5
210	81	1.81	34	27	9	0.000	1442.6
220	81	1.81	34	27	9	0.000	1442.7
230	81	1.81	34	27	9	0.000	1442.8
240	81	1.81	34	27	9	0.000	1442.9
250	81	1.81	34	27	9	0.000	1443.0
260	81	1.81	34	27	9	0.000	1443.1
270	81	1.81	34	27	9	0.000	1443.2
280	81	1.81	34	27	9	0.000	1443.3
290	81	1.81	34	27	9	0.000	1443.4
300	81	1.81	34	27	9	0.000	1443.5
310	81	1.81	34	27	9	0.000	1443.6
320	81	1.81	34	27	9	0.000	1443.7
330	81	1.81	34	27	9	0.000	1443.8
340	81	1.81	34	27	9	0.000	1443.9
350	81	1.81	34	27	9	0.000	1444.0
360	81	1.81	34	27	9	0.000	1444.1
370	81	1.81	34	27	9	0.000	1444.2
380	81	1.81	34	27	9	0.000	1444.3
390	81	1.81	34	27	9	0.000	1444.4
400	81	1.81	34	27	9	0.000	1444.5
410	81	1.81	34	27	9	0.000	1444.6
420	81	1.81	34	27	9	0.000	1444.7
430	81	1.81	34	27	9	0.000	1444.8
440	81	1.81	34	27	9	0.000	1444.9
450	81	1.81	34	27	9	0.000	1445.0
460	81	1.81	34	27	9	0.000	1445.1
470	81	1.81	34	27	9	0.000	1445.2
480	81	1.81	34	27	9	0.000	1445.3
490	81	1.81	34	27	9	0.000	1445.4
500	81	1.81	34	27	9	0.000	1445.5

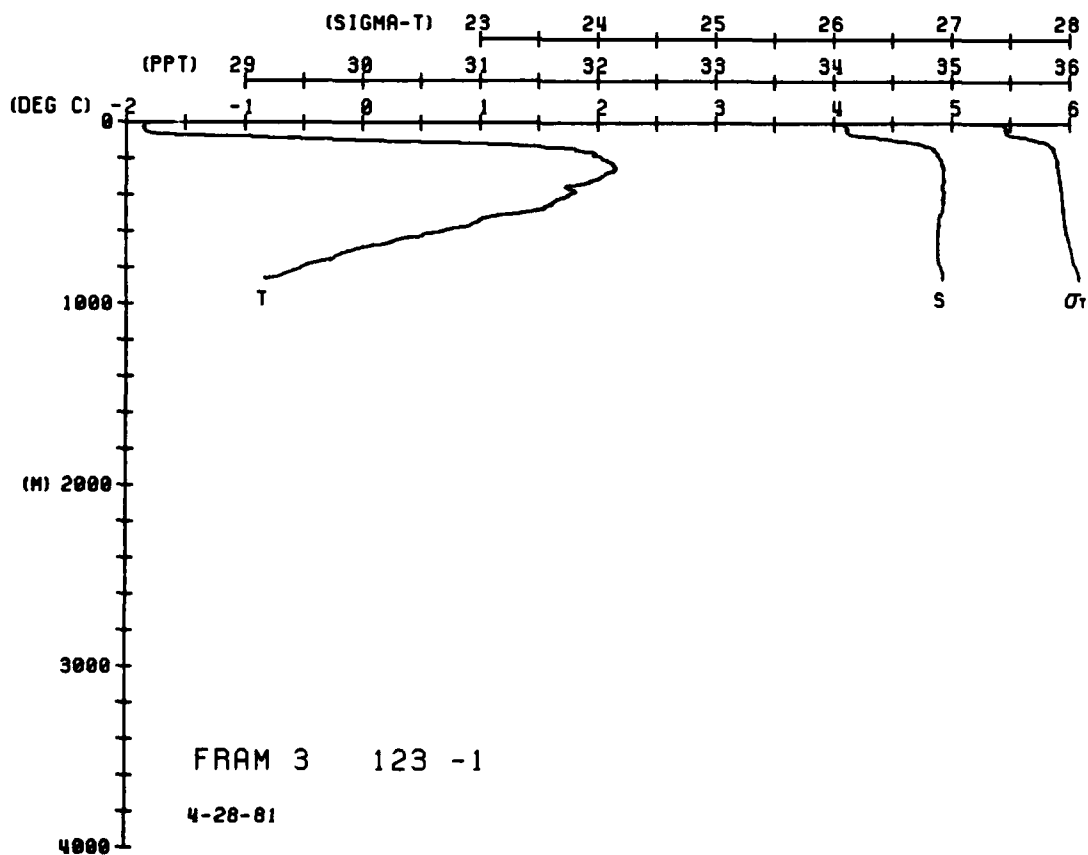
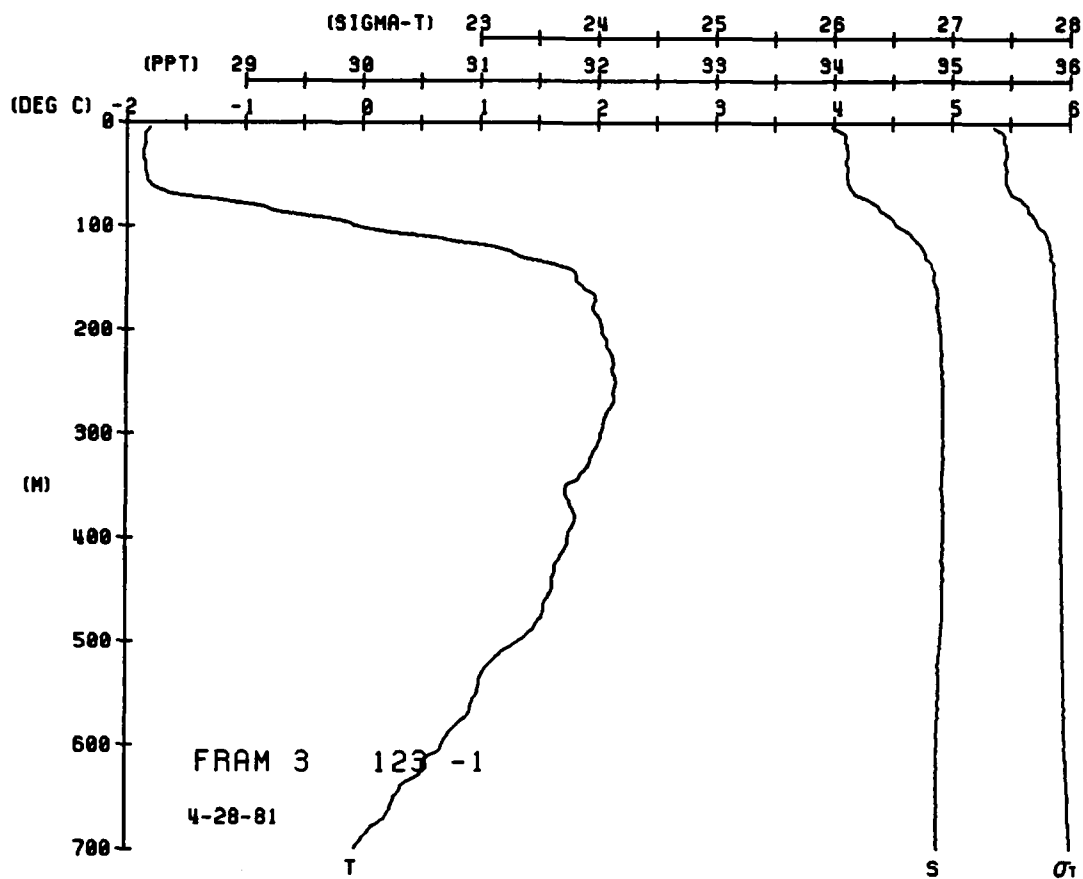
FRAM 3 STATION 122(1) CTU 28/APR/1981 927 GMT CODE = 5
LAT = 81.9305N LNG = 5.5187E UTM = 30
AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	84	1.84	34	27	9	0.000	1439.5
5	84	1.84	34	27	9	0.000	1439.6
10	84	1.84	34	27	9	0.000	1439.7
15	84	1.84	34	27	9	0.000	1439.8
20	84	1.84	34	27	9	0.000	1439.9
25	84	1.84	34	27	9	0.000	1440.0
30	84	1.84	34	27	9	0.000	1440.1
35	84	1.84	34	27	9	0.000	1440.2
40	84	1.84	34	27	9	0.000	1440.3
45	84	1.84	34	27	9	0.000	1440.4
50	84	1.84	34	27	9	0.000	1440.5
55	84	1.84	34	27	9	0.000	1440.6
60	84	1.84	34	27	9	0.000	1440.7
65	84	1.84	34	27	9	0.000	1440.8
70	84	1.84	34	27	9	0.000	1440.9
75	84	1.84	34	27	9	0.000	1441.0
80	84	1.84	34	27	9	0.000	1441.1
85	84	1.84	34	27	9	0.000	1441.2
90	84	1.84	34	27	9	0.000	1441.3
95	84	1.84	34	27	9	0.000	1441.4
100	84	1.84	34	27	9	0.000	1441.5
110	84	1.84	34	27	9	0.000	1441.6
120	84	1.84	34	27	9	0.000	1441.7
130	84	1.84	34	27	9	0.000	1441.8
140	84	1.84	34	27	9	0.000	1441.9
150	84	1.84	34	27	9	0.000	1442.0
160	84	1.84	34	27	9	0.000	1442.1
170	84	1.84	34	27	9	0.000	1442.2
180	84	1.84	34	27	9	0.000	1442.3
190	84	1.84	34	27	9	0.000	1442.4
200	84	1.84	34	27	9	0.000	1442.5
210	84	1.84	34	27	9	0.000	1442.6
220	84	1.84	34	27	9	0.000	1442.7
230	84	1.84	34	27	9	0.000	1442.8
240	84	1.84	34	27	9	0.000	1442.9
250	84	1.84	34	27	9	0.000	1443.0
260	84	1.84	34	27	9	0.000	1443.1
270	84	1.84	34	27	9	0.000	1443.2
280	84	1.84	34	27	9	0.000	1443.3
290	84	1.84	34	27	9	0.000	1443.4
300	84	1.84	34	27	9	0.000	1443.5
310	84	1.84	34	27	9	0.000	1443.6
320	84	1.84	34	27	9	0.000	1443.7
330	84	1.84	34	27	9	0.000	1443.8
340	84	1.84	34	27	9	0.000	1443.9
350	84	1.84	34	27	9	0.000	1444.0
360	84	1.84	34	27	9	0.000	1444.1
370	84	1.84	34	27	9	0.000	1444.2
380	84	1.84	34	27	9	0.000	1444.3
390	84	1.84	34	27	9	0.000	1444.4
400	84	1.84	34	27	9	0.000	1444.5
410	84	1.84	34	27	9	0.000	1444.6
420	84	1.84	34	27	9	0.000	1444.7
430	84	1.84	34	27	9	0.000	1444.8
440	84	1.84	34	27	9	0.000	1444.9
450	84	1.84	34	27	9	0.000	1445.0
460	84	1.84	34	27	9	0.000	1445.1
470	84	1.84	34	27	9	0.000	1445.2
480	84	1.84	34	27	9	0.000	1445.3
490	84	1.84	34	27	9	0.000	1445.4
500	84	1.84	34	27	9	0.000	1445.5



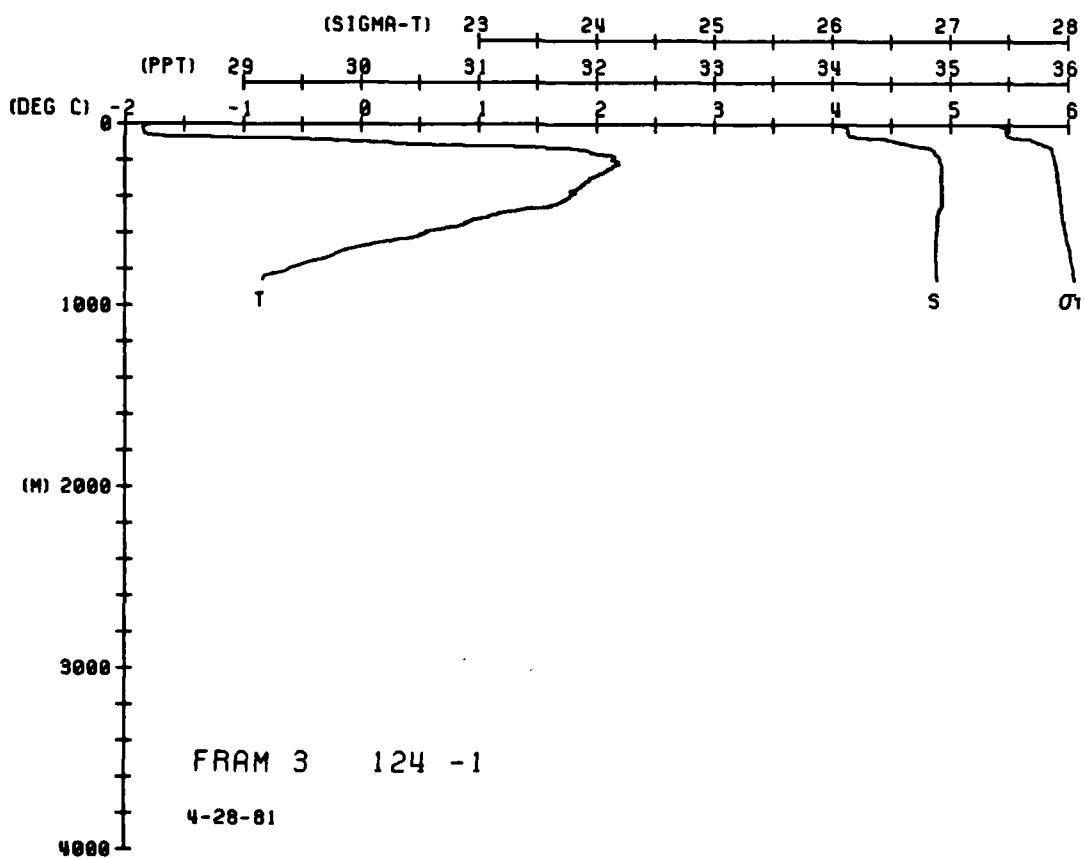
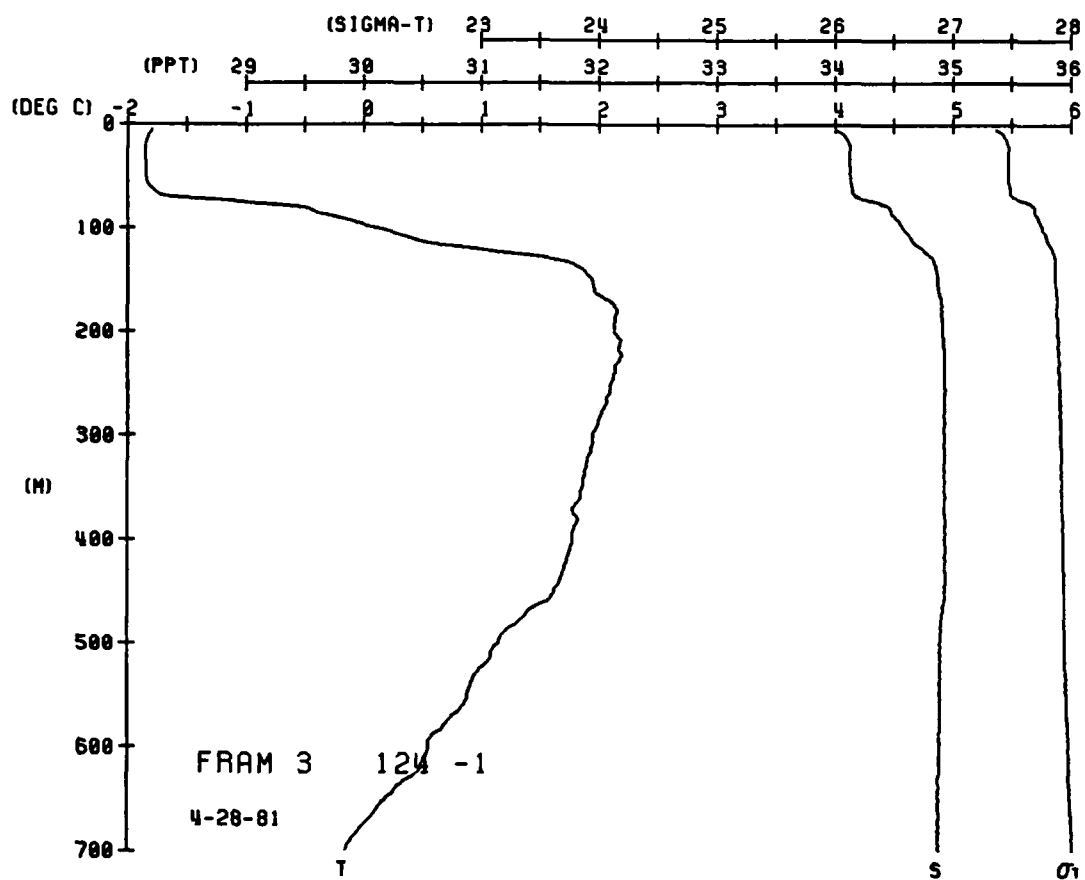
FRAM 3 STATION 123(1) CTD 28/APH/19H1 1005 GMT CUDE = 5
 LAT = 81.9300N LNG = 5.5222E LTER = 30
 AIR TEMP = 0.0 WIND = 0.0 WIND = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.00	1.79	1.79	34.97	22.22	72.6	0.000	1439.5	710.0	-0.11	-0.14	34.89	28.03	7.4	0.163	1460.4
0.50	1.79	1.79	34.97	22.22	72.6	0.004	1439.6	740.0	-0.23	-0.27	34.89	28.03	6.3	0.165	1460.4
1.00	1.84	1.84	34.97	22.22	72.6	0.007	1439.7	790.0	-0.51	-0.51	34.91	28.06	3.3	0.167	1460.1
1.50	1.84	1.84	34.97	22.22	72.6	0.013	1439.8	840.0	-0.68	-0.72	34.93	28.09	0.7	0.168	1459.8
2.00	1.85	1.85	34.97	22.22	72.6	0.015	1439.8	866.0	-0.85	-0.85	34.93	28.09	-0.7		
2.50	1.85	1.85	34.97	22.22	72.6	0.020	1439.9								
3.00	1.85	1.85	34.97	22.22	72.6	0.023	1440.0								
3.50	1.84	1.84	34.97	22.22	72.6	0.028	1440.1								
4.00	1.84	1.84	34.97	22.22	72.6	0.032	1440.2								
4.50	1.84	1.84	34.97	22.22	72.6	0.035	1440.3								
5.00	1.84	1.84	34.97	22.22	72.6	0.038	1440.5								
5.50	1.84	1.84	34.97	22.22	72.6	0.041	1440.7								
6.00	1.84	1.84	34.97	22.22	72.6	0.044	1441.1								
6.50	1.84	1.84	34.97	22.22	72.6	0.047	1442.1								
7.00	1.84	1.84	34.97	22.22	72.6	0.049	1444.0								
7.50	1.84	1.84	34.97	22.22	72.6	0.051	1445.6								
8.00	1.84	1.84	34.97	22.22	72.6	0.053	1446.4								
8.50	1.84	1.84	34.97	22.22	72.6	0.055	1448.0								
9.00	1.84	1.84	34.97	22.22	72.6	0.057	1450.2								
9.50	1.84	1.84	34.97	22.22	72.6	0.059	1450.3								
10.00	1.84	1.84	34.97	22.22	72.6	0.062	1451.3								
10.50	1.84	1.84	34.97	22.22	72.6	0.065	1451.3								
11.00	1.84	1.84	34.97	22.22	72.6	0.067	1451.3								
11.50	1.84	1.84	34.97	22.22	72.6	0.070	1451.3								
12.00	1.84	1.84	34.97	22.22	72.6	0.072	1451.3								
12.50	1.84	1.84	34.97	22.22	72.6	0.074	1451.3								
13.00	1.84	1.84	34.97	22.22	72.6	0.076	1451.3								
13.50	1.84	1.84	34.97	22.22	72.6	0.079	1451.3								
14.00	1.84	1.84	34.97	22.22	72.6	0.081	1451.3								
14.50	1.84	1.84	34.97	22.22	72.6	0.083	1451.3								
15.00	1.84	1.84	34.97	22.22	72.6	0.085	1451.3								
15.50	1.84	1.84	34.97	22.22	72.6	0.087	1451.3								
16.00	1.84	1.84	34.97	22.22	72.6	0.089	1451.3								
16.50	1.84	1.84	34.97	22.22	72.6	0.091	1451.3								
17.00	1.84	1.84	34.97	22.22	72.6	0.093	1451.3								
17.50	1.84	1.84	34.97	22.22	72.6	0.095	1451.3								
18.00	1.84	1.84	34.97	22.22	72.6	0.097	1451.3								
18.50	1.84	1.84	34.97	22.22	72.6	0.099	1451.3								
19.00	1.84	1.84	34.97	22.22	72.6	0.101	1451.3								
19.50	1.84	1.84	34.97	22.22	72.6	0.103	1451.3								
20.00	1.84	1.84	34.97	22.22	72.6	0.105	1451.3								
20.50	1.84	1.84	34.97	22.22	72.6	0.107	1451.3								
21.00	1.84	1.84	34.97	22.22	72.6	0.109	1451.3								
21.50	1.84	1.84	34.97	22.22	72.6	0.111	1451.3								
22.00	1.84	1.84	34.97	22.22	72.6	0.113	1451.3								
22.50	1.84	1.84	34.97	22.22	72.6	0.114	1451.3								
23.00	1.84	1.84	34.97	22.22	72.6	0.116	1451.3								
23.50	1.84	1.84	34.97	22.22	72.6	0.118	1451.3								
24.00	1.84	1.84	34.97	22.22	72.6	0.120	1451.3								
24.50	1.84	1.84	34.97	22.22	72.6	0.122	1451.3								
25.00	1.84	1.84	34.97	22.22	72.6	0.124	1451.3								
25.50	1.84	1.84	34.97	22.22	72.6	0.126	1451.3								
26.00	1.84	1.84	34.97	22.22	72.6	0.128	1451.3								
26.50	1.84	1.84	34.97	22.22	72.6	0.130	1451.3								
27.00	1.84	1.84	34.97	22.22	72.6	0.132	1451.3								
27.50	1.84	1.84	34.97	22.22	72.6	0.134	1451.3								
28.00	1.84	1.84	34.97	22.22	72.6	0.136	1451.3								
28.50	1.84	1.84	34.97	22.22	72.6	0.138	1451.3								
29.00	1.84	1.84	34.97	22.22	72.6	0.140	1451.3								
29.50	1.84	1.84	34.97	22.22	72.6	0.142	1451.3								
30.00	1.84	1.84	34.97	22.22	72.6	0.144	1451.3								
30.50	1.84	1.84	34.97	22.22	72.6	0.146	1451.3								
31.00	1.84	1.84	34.97	22.22	72.6	0.148	1451.3								
31.50	1.84	1.84	34.97	22.22	72.6	0.150	1451.3								
32.00	1.84	1.84	34.97	22.22	72.6	0.152	1451.3								
32.50	1.84	1.84	34.97	22.22	72.6	0.154	1451.3								
33.00	1.84	1.84	34.97	22.22	72.6	0.156	1451.3								
33.50	1.84	1.84	34.97	22.22	72.6	0.158	1451.3								
34.00	1.84	1.84	34.97	22.22	72.6	0.160	1451.3								
34.50	1.84	1.84	34.97	22.22	72.6	0.162	1451.3								
35.00	1.84	1.84	34.97	22.22	72.6	0.164	1451.3								
35.50	1.84	1.84	34.97	22.22	72.6	0.166	1451.3								
36.00	1.84	1.84	34.97	22.22	72.6	0.168	1451.3								
36.50	1.84	1.84	34.97	22.22	72.6	0.170	1451.3								
37.00	1.84	1.84	34.97	22.22	72.6	0.172	1451.3								
37.50	1.84	1.84	34.97	22.22	72.6	0.174	1451.3								
38.00	1.84	1.84	34.97	22.22	72.6	0.176	1451.3								
38.50	1.84	1.84	34.97	22.22	72.6	0.178	1451.3								
39.00	1.84	1.84	34.97	22.22	72.6	0.180	1451.3								
39.50	1.84	1.84	34.97	22.22	72.6	0.182	1451.3								
40.00	1.84	1.84	34.97	22.22	72.6	0.184	1451.3								
40.50	1.84	1.84	34.97	22.22	72.6	0.186	1451.3								
41.00	1.84	1.84	34.97	22.22	72.6	0.188	1451.3								
41.50	1.84	1.84	34.97	22.22	72.6	0.190	1451.3								
42.00	1.84	1.84	34.97	22.22	72.6	0.192	1451.3								
42.50	1.84	1.84	34.97	22.22	72.6	0.194	1451.3								
43.00	1.84	1.84	34.97	22.22	72.6	0.196	1451.3								
43.50	1.84	1.84	34.97	22.22	72.6	0.198	1451.3								
44.00	1.84	1.84	34.97	22.22	72.6	0.200	1451.3								
44.50	1.84	1.84	34.97	22.22	72.6	0.202	1451.3								
45.00	1.84	1.84	34.97	22.22	72.6	0.204	1451.3								
45.50	1.84	1.84	34.97	22.22	72.6	0.206	1451.3								
46.00	1.84	1.84	34.97	22.22	72.6	0.208	1451.3								
46.50	1.84	1.84	34.97	22.22	72.6	0.210	1451.3								
47.00	1.84	1.84	34.97	22.22	72.6	0.212	1451.3								
47.50	1.84	1.84	34.97	22.22	72.6	0.214	1451.3								
48.00	1.84	1.84	34.97	22.22	72.6	0.216	1451.3								
48.50	1.84	1.84	34.97	22.22	72.6	0.218	1451.3								
49.00	1.84	1.84	34.97	22.22	72.6	0.220	1451.3								
49.50	1.84	1.84	34.97	22.22	72.6	0.222	1451.3								
50.00	1.84	1.84	34.97	22.22	72.6	0.224	1451.3								
50.50	1.84	1.84	34.97	22.22	72.6	0.226	1451.3								
51.00	1.84	1.84	34.97	22.22	72.6	0.228	1451.3								
51.50	1.84	1.84	34.97	22.22	72.6	0.230	1451.								



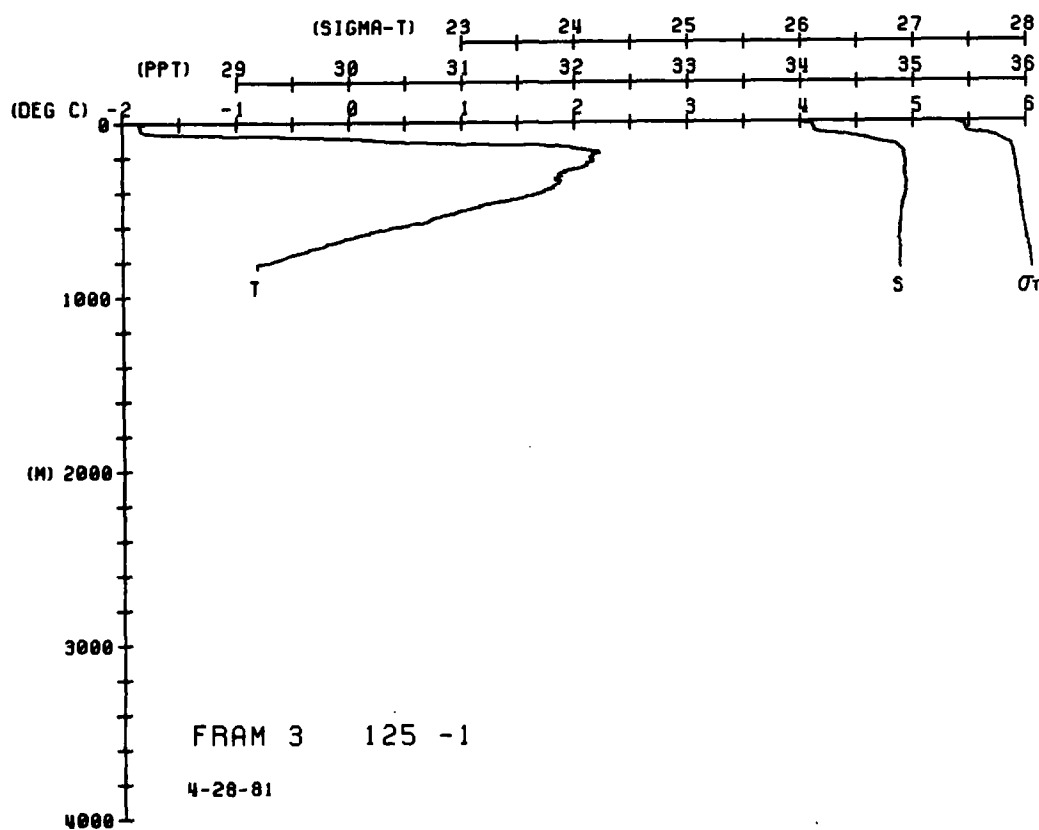
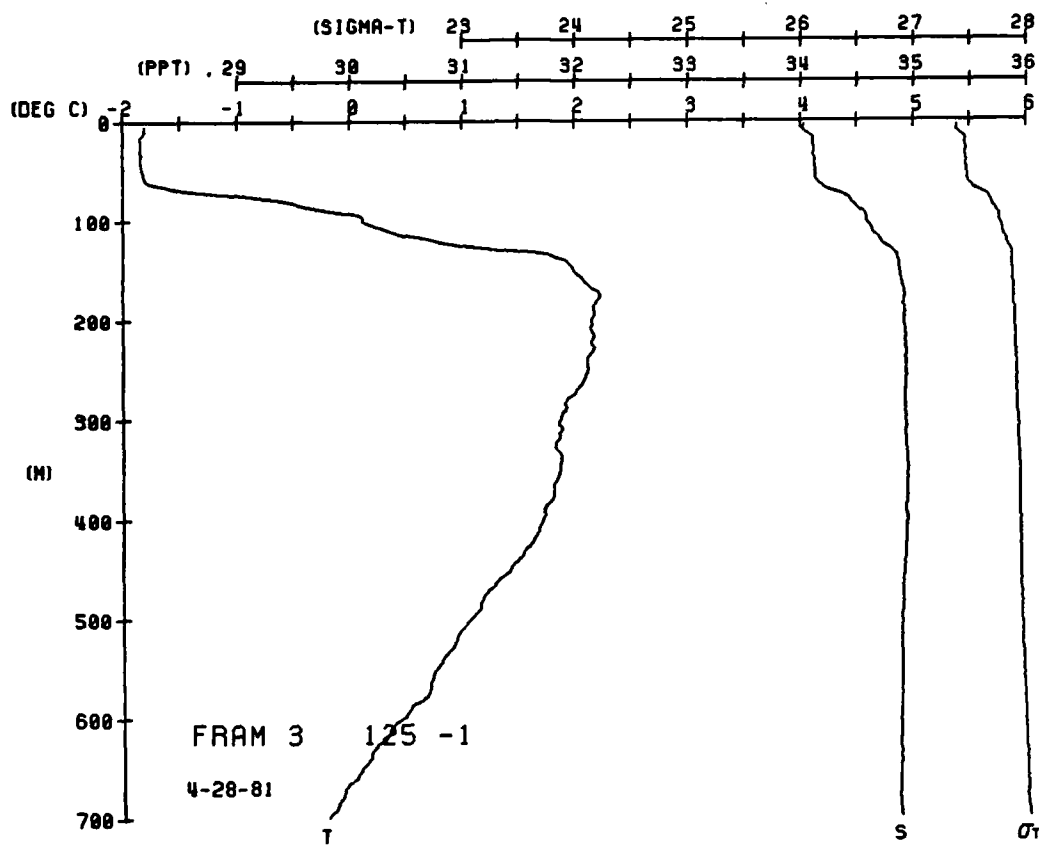
FROM 3 STATION 124(1) CTU 26/APR/1981 1454 GMT CODE 5
 LAT = 81.9242N LNG = 5.5225E LTR = 30. UGR = 30.
 AIR TEMP = 0.0 WIND = 0.0 #WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	79.0	-1.79	33.9	35	9.9	0.000	1439.5	710.0	-0.21	-0.24	34.88	28.02	7.4	0.159	1460.0
0.5	78.9	-1.79	33.9	37	9.9	0.004	1439.7	710.0	-0.21	-0.24	34.88	28.02	6.9	0.161	1460.0
1.0	78.8	-1.80	33.9	39	9.9	0.007	1439.8	710.0	-0.21	-0.24	34.88	28.02	6.4	0.164	1460.0
1.5	78.7	-1.81	33.9	41	9.9	0.010	1439.9	710.0	-0.21	-0.24	34.88	28.02	5.9	0.166	1460.0
2.0	78.6	-1.82	33.9	43	9.9	0.013	1440.0	710.0	-0.21	-0.24	34.88	28.02	5.4	0.169	1460.0
2.5	78.5	-1.83	33.9	45	9.9	0.016	1440.1	710.0	-0.21	-0.24	34.88	28.02	4.9	0.171	1460.0
3.0	78.4	-1.84	33.9	47	9.9	0.019	1440.2	710.0	-0.21	-0.24	34.88	28.02	4.4	0.174	1460.0
3.5	78.3	-1.85	33.9	49	9.9	0.022	1440.3	710.0	-0.21	-0.24	34.88	28.02	3.9	0.176	1460.0
4.0	78.2	-1.86	33.9	51	9.9	0.025	1440.4	710.0	-0.21	-0.24	34.88	28.02	3.4	0.179	1460.0
4.5	78.1	-1.87	33.9	53	9.9	0.028	1440.5	710.0	-0.21	-0.24	34.88	28.02	2.9	0.181	1460.0
5.0	78.0	-1.88	33.9	55	9.9	0.031	1440.6	710.0	-0.21	-0.24	34.88	28.02	2.4	0.184	1460.0
5.5	77.9	-1.89	33.9	57	9.9	0.034	1440.7	710.0	-0.21	-0.24	34.88	28.02	1.9	0.186	1460.0
6.0	77.8	-1.90	33.9	59	9.9	0.037	1440.8	710.0	-0.21	-0.24	34.88	28.02	1.4	0.189	1460.0
6.5	77.7	-1.91	33.9	61	9.9	0.040	1440.9	710.0	-0.21	-0.24	34.88	28.02	0.9	0.191	1460.0
7.0	77.6	-1.92	33.9	63	9.9	0.043	1441.0	710.0	-0.21	-0.24	34.88	28.02	0.4	0.194	1460.0
7.5	77.5	-1.93	33.9	65	9.9	0.046	1441.1	710.0	-0.21	-0.24	34.88	28.02	0.0	0.196	1460.0
8.0	77.4	-1.94	33.9	67	9.9	0.049	1441.2	710.0	-0.21	-0.24	34.88	28.02	0.0	0.199	1460.0
8.5	77.3	-1.95	33.9	69	9.9	0.052	1441.3	710.0	-0.21	-0.24	34.88	28.02	0.0	0.201	1460.0
9.0	77.2	-1.96	33.9	71	9.9	0.055	1441.4	710.0	-0.21	-0.24	34.88	28.02	0.0	0.204	1460.0
9.5	77.1	-1.97	33.9	73	9.9	0.058	1441.5	710.0	-0.21	-0.24	34.88	28.02	0.0	0.206	1460.0
10.0	77.0	-1.98	33.9	75	9.9	0.061	1441.6	710.0	-0.21	-0.24	34.88	28.02	0.0	0.209	1460.0
10.5	76.9	-1.99	33.9	77	9.9	0.064	1441.7	710.0	-0.21	-0.24	34.88	28.02	0.0	0.211	1460.0
11.0	76.8	-2.00	33.9	79	9.9	0.067	1441.8	710.0	-0.21	-0.24	34.88	28.02	0.0	0.214	1460.0
11.5	76.7	-2.01	33.9	81	9.9	0.070	1441.9	710.0	-0.21	-0.24	34.88	28.02	0.0	0.216	1460.0
12.0	76.6	-2.02	33.9	83	9.9	0.073	1442.0	710.0	-0.21	-0.24	34.88	28.02	0.0	0.219	1460.0
12.5	76.5	-2.03	33.9	85	9.9	0.076	1442.1	710.0	-0.21	-0.24	34.88	28.02	0.0	0.221	1460.0
13.0	76.4	-2.04	33.9	87	9.9	0.079	1442.2	710.0	-0.21	-0.24	34.88	28.02	0.0	0.224	1460.0
13.5	76.3	-2.05	33.9	89	9.9	0.082	1442.3	710.0	-0.21	-0.24	34.88	28.02	0.0	0.226	1460.0
14.0	76.2	-2.06	33.9	91	9.9	0.085	1442.4	710.0	-0.21	-0.24	34.88	28.02	0.0	0.229	1460.0
14.5	76.1	-2.07	33.9	93	9.9	0.088	1442.5	710.0	-0.21	-0.24	34.88	28.02	0.0	0.231	1460.0
15.0	76.0	-2.08	33.9	95	9.9	0.091	1442.6	710.0	-0.21	-0.24	34.88	28.02	0.0	0.234	1460.0
15.5	75.9	-2.09	33.9	97	9.9	0.094	1442.7	710.0	-0.21	-0.24	34.88	28.02	0.0	0.236	1460.0
16.0	75.8	-2.10	33.9	99	9.9	0.097	1442.8	710.0	-0.21	-0.24	34.88	28.02	0.0	0.239	1460.0
16.5	75.7	-2.11	33.9	101	9.9	0.100	1442.9	710.0	-0.21	-0.24	34.88	28.02	0.0	0.241	1460.0
17.0	75.6	-2.12	33.9	103	9.9	0.103	1443.0	710.0	-0.21	-0.24	34.88	28.02	0.0	0.244	1460.0
17.5	75.5	-2.13	33.9	105	9.9	0.106	1443.1	710.0	-0.21	-0.24	34.88	28.02	0.0	0.246	1460.0
18.0	75.4	-2.14	33.9	107	9.9	0.109	1443.2	710.0	-0.21	-0.24	34.88	28.02	0.0	0.249	1460.0
18.5	75.3	-2.15	33.9	109	9.9	0.112	1443.3	710.0	-0.21	-0.24	34.88	28.02	0.0	0.251	1460.0
19.0	75.2	-2.16	33.9	111	9.9	0.115	1443.4	710.0	-0.21	-0.24	34.88	28.02	0.0	0.254	1460.0
19.5	75.1	-2.17	33.9	113	9.9	0.118	1443.5	710.0	-0.21	-0.24	34.88	28.02	0.0	0.256	1460.0
20.0	75.0	-2.18	33.9	115	9.9	0.121	1443.6	710.0	-0.21	-0.24	34.88	28.02	0.0	0.259	1460.0
20.5	74.9	-2.19	33.9	117	9.9	0.124	1443.7	710.0	-0.21	-0.24	34.88	28.02	0.0	0.261	1460.0
21.0	74.8	-2.20	33.9	119	9.9	0.127	1443.8	710.0	-0.21	-0.24	34.88	28.02	0.0	0.264	1460.0
21.5	74.7	-2.21	33.9	121	9.9	0.130	1443.9	710.0	-0.21	-0.24	34.88	28.02	0.0	0.266	1460.0
22.0	74.6	-2.22	33.9	123	9.9	0.133	1444.0	710.0	-0.21	-0.24	34.88	28.02	0.0	0.269	1460.0
22.5	74.5	-2.23	33.9	125	9.9	0.136	1444.1	710.0	-0.21	-0.24	34.88	28.02	0.0	0.271	1460.0
23.0	74.4	-2.24	33.9	127	9.9	0.139	1444.2	710.0	-0.21	-0.24	34.88	28.02	0.0	0.274	1460.0
23.5	74.3	-2.25	33.9	129	9.9	0.142	1444.3	710.0	-0.21	-0.24	34.88	28.02	0.0	0.276	1460.0
24.0	74.2	-2.26	33.9	131	9.9	0.145	1444.4	710.0	-0.21	-0.24	34.88	28.02	0.0	0.279	1460.0
24.5	74.1	-2.27	33.9	133	9.9	0.148	1444.5	710.0	-0.21	-0.24	34.88	28.02	0.0	0.281	1460.0
25.0	74.0	-2.28	33.9	135	9.9	0.151	1444.6	710.0	-0.21	-0.24	34.88	28.02	0.0	0.284	1460.0
25.5	73.9	-2.29	33.9	137	9.9	0.154	1444.7	710.0	-0.21	-0.24	34.88	28.02	0.0	0.286	1460.0
26.0	73.8	-2.30	33.9	139	9.9	0.157	1444.8	710.0	-0.21	-0.24	34.88	28.02	0.0	0.289	1460.0
26.5	73.7	-2.31	33.9	141	9.9	0.160	1444.9	710.0	-0.21	-0.24	34.88	28.02	0.0	0.291	1460.0
27.0	73.6	-2.32	33.9	143	9.9	0.163	1445.0	710.0	-0.21	-0.24	34.88	28.02	0.0	0.294	1460.0
27.5	73.5	-2.33	33.9	145	9.9	0.166	1445.1	710.0	-0.21	-0.24	34.88	28.02	0.0	0.296	1460.0
28.0	73.4	-2.34	33.9	147	9.9	0.169	1445.2	710.0	-0.21	-0.24	34.88	28.02	0.0	0.299	1460.0
28.5	73.3	-2.35	33.9	149	9.9	0.172	1445.3	710.0	-0.21	-0.24	34.88	28.02	0.0	0.301	1460.0
29.0	73.2	-2.36	33.9	151	9.9	0.175	1445.4	710.0	-0.21	-0.24	34.88	28.02	0.0	0.304	1460.0
29.5	73.1	-2.37	33.9	153	9.9	0.178	1445.5	710.0	-0.21	-0.24	34.88	28.02	0.0	0.306	1460.0
30.0	73.0	-2.38	33.9	155	9.9	0.181	1445.6	710.0	-0.21	-0.24	34.88	28.02	0.0	0.309	1460.0
30.5	72.9	-2.39	33.9	157	9.9	0.184	1445.7	710.0	-0.21	-0.24	34.88	28.02	0.0	0.311	1460.0
31.0	72.8	-2.40	33.9	159	9.9	0.187	1445.8	710.0	-0.21	-0.24	34.88	28.02	0.0	0.314	1460.0
31.5	72.7	-2.41	33.9	161	9.9	0.190	1445.9	710.0	-0.21	-0.24	34.88	28.02	0.0	0.316	1460.0
32.0	72.6	-2.42	33.9	163	9.9	0.193	1446.0	710.0	-0.21	-0.24	34.88	28.02	0.0	0.319	1460.0
32.5	72.5	-2.43	33.9	165	9.9	0.196	1446.1	710.0	-0.21	-0.24	34.88	28.02	0.0	0.321	1460.0
33.0	72.4	-2.44	33.9	167	9.9	0.199	1446.2	710.0	-0.21	-0.24	34.88	28.02	0.0	0.324	1460.0
33.5	72.3	-2.45	33.9	169	9.9	0.202	1446.3	710.0	-0.21	-0.24	34.88	28.02	0.0	0.326	1460.0
34.0	72.2	-2.46	33.9	171	9.9	0.205	1446.4	710.0	-0.21	-0.24	34.88	28.02	0.0	0.329	1460.0
34.5	72.1	-2.47	33.9	173	9.9	0.208	1446.5	710.0	-0.21	-0.24	34.88	28.02	0.0	0.331	1460.0
35.0	72.0	-2.48	33.9	175	9.9	0.211	1446.6	710.0	-0.21	-0.24	34.88	28.02	0.0	0.334	1460.0
35.5	71.9	-2.49	33.9	177	9.9	0.214	1446.7	710.0	-0.21	-0.24	34.88	28.02	0.0	0.336	1460.0
36.0	71.8	-2.50	33.9	179	9.9	0.217	1446.8	710.0	-0.21	-0.24	34.88	28.02	0.0	0.339	1460.0
36.5	71.7	-2.51	33.9	181	9.9	0.220	1446.9	710.0	-0.21	-0.24	34.88	28.02	0.0	0.341	1460.0
37.0	71.6	-2.52	33.9	183	9.9	0.223	1447.0	710.0	-0.21	-0.24	34.88	28.02	0.0	0.344	1460.0
37.5	71.5	-2.53	33.9	185	9.9	0.226	1447.1	710.0	-0.21	-0.24	34.88	28.02	0.0	0.346	1460.0
38.0	71.4	-2.54	33.9	187	9.9	0.229	1447.2	710.0	-0.21	-0.24	34.88	28.02	0.0	0.349	1460.0
38.5	71.3	-2.55	33.9	189	9.9	0.232	1447.3	710.0	-0.21	-0.24	34.88	28.02	0.0	0.351	1460.0
39.0	71.2	-2.56	33.9	191	9.9	0.235									



FRAM 3 STATION 125(1) CTD 28/APR/1981 2132 GMT CODE = 5
 LAT = 81.9065N LNG = 5.4822E LTER = 30
 AIR TEMP = 0.0 BATHY = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	1.80	1.81	34.88	27.77	67.3	0.000	1439.5	710.0	-0.23	-0.26	34.88	28.02	7.4	0.158	1459.9
5	1.80	1.81	34.88	27.77	67.3	0.003	1439.6	740.0	-0.38	-0.41	34.88	28.03	6.8	0.160	1459.7
10	1.81	1.84	34.88	27.77	67.3	0.007	1439.7	790.0	-0.64	-0.67	34.88	28.04	4.8	0.163	1459.4
15	1.81	1.85	34.88	27.77	67.3	0.013	1439.8	840.0	-0.82	-0.85	34.88	28.05	3.1	0.165	1459.4
20	1.81	1.85	34.88	27.77	67.3	0.016	1439.9	844.1	-0.82	-0.85	34.88	28.05	3.0	0.165	1459.4
25	1.81	1.85	34.88	27.77	67.3	0.019	1440.0								
30	1.81	1.85	34.88	27.77	67.3	0.022	1440.1								
35	1.81	1.85	34.88	27.77	67.3	0.025	1440.2								
40	1.81	1.85	34.88	27.77	67.3	0.028	1440.3								
45	1.81	1.85	34.88	27.77	67.3	0.031	1440.4								
50	1.81	1.85	34.88	27.77	67.3	0.034	1440.5								
55	1.81	1.85	34.88	27.77	67.3	0.037	1440.6								
60	1.81	1.85	34.88	27.77	67.3	0.040	1440.7								
65	1.81	1.85	34.88	27.77	67.3	0.043	1440.8								
70	1.81	1.85	34.88	27.77	67.3	0.045	1440.9								
75	1.81	1.85	34.88	27.77	67.3	0.048	1441.0								
80	1.81	1.85	34.88	27.77	67.3	0.049	1441.1								
85	1.81	1.85	34.88	27.77	67.3	0.051	1441.2								
90	1.81	1.85	34.88	27.77	67.3	0.053	1441.3								
95	1.81	1.85	34.88	27.77	67.3	0.055	1441.4								
100	1.81	1.85	34.88	27.77	67.3	0.058	1441.5								
105	1.81	1.85	34.88	27.77	67.3	0.061	1441.6								
110	1.81	1.85	34.88	27.77	67.3	0.063	1441.7								
115	1.81	1.85	34.88	27.77	67.3	0.065	1441.8								
120	1.81	1.85	34.88	27.77	67.3	0.068	1441.9								
125	1.81	1.85	34.88	27.77	67.3	0.070	1442.0								
130	1.81	1.85	34.88	27.77	67.3	0.072	1442.1								
135	1.81	1.85	34.88	27.77	67.3	0.074	1442.2								
140	1.81	1.85	34.88	27.77	67.3	0.077	1442.3								
145	1.81	1.85	34.88	27.77	67.3	0.079	1442.4								
150	1.81	1.85	34.88	27.77	67.3	0.081	1442.5								
155	1.81	1.85	34.88	27.77	67.3	0.083	1442.6								
160	1.81	1.85	34.88	27.77	67.3	0.085	1442.7								
165	1.81	1.85	34.88	27.77	67.3	0.087	1442.8								
170	1.81	1.85	34.88	27.77	67.3	0.089	1442.9								
175	1.81	1.85	34.88	27.77	67.3	0.091	1443.0								
180	1.81	1.85	34.88	27.77	67.3	0.093	1443.1								
185	1.81	1.85	34.88	27.77	67.3	0.095	1443.2								
190	1.81	1.85	34.88	27.77	67.3	0.097	1443.3								
195	1.81	1.85	34.88	27.77	67.3	0.099	1443.4								
200	1.81	1.85	34.88	27.77	67.3	0.101	1443.5								
205	1.81	1.85	34.88	27.77	67.3	0.103	1443.6								
210	1.81	1.85	34.88	27.77	67.3	0.105	1443.7								
215	1.81	1.85	34.88	27.77	67.3	0.106	1443.8								
220	1.81	1.85	34.88	27.77	67.3	0.108	1443.9								
225	1.81	1.85	34.88	27.77	67.3	0.110	1444.0								
230	1.81	1.85	34.88	27.77	67.3	0.112	1444.1								
235	1.81	1.85	34.88	27.77	67.3	0.113	1444.2								
240	1.81	1.85	34.88	27.77	67.3	0.115	1444.3								
245	1.81	1.85	34.88	27.77	67.3	0.117	1444.4								
250	1.81	1.85	34.88	27.77	67.3	0.119	1444.5								
255	1.81	1.85	34.88	27.77	67.3	0.120	1444.6								
260	1.81	1.85	34.88	27.77	67.3	0.122	1444.7								
265	1.81	1.85	34.88	27.77	67.3	0.123	1444.8								
270	1.81	1.85	34.88	27.77	67.3	0.125	1444.9								
275	1.81	1.85	34.88	27.77	67.3	0.126	1445.0								
280	1.81	1.85	34.88	27.77	67.3	0.127	1445.1								
285	1.81	1.85	34.88	27.77	67.3	0.128	1445.2								
290	1.81	1.85	34.88	27.77	67.3	0.129	1445.3								
295	1.81	1.85	34.88	27.77	67.3	0.130	1445.4								
300	1.81	1.85	34.88	27.77	67.3	0.131	1445.5								
305	1.81	1.85	34.88	27.77	67.3	0.132	1445.6								
310	1.81	1.85	34.88	27.77	67.3	0.133	1445.7								
315	1.81	1.85	34.88	27.77	67.3	0.134	1445.8								
320	1.81	1.85	34.88	27.77	67.3	0.135	1445.9								
325	1.81	1.85	34.88	27.77	67.3	0.136	1446.0								
330	1.81	1.85	34.88	27.77	67.3	0.137	1446.1								
335	1.81	1.85	34.88	27.77	67.3	0.138	1446.2								
340	1.81	1.85	34.88	27.77	67.3	0.139	1446.3								
345	1.81	1.85	34.88	27.77	67.3	0.140	1446.4								
350	1.81	1.85	34.88	27.77	67.3	0.141	1446.5								
355	1.81	1.85	34.88	27.77	67.3	0.142	1446.6								
360	1.81	1.85	34.88	27.77	67.3	0.143	1446.7								
365	1.81	1.85	34.88	27.77	67.3	0.144	1446.8								
370	1.81	1.85	34.88	27.77	67.3	0.145	1446.9								
375	1.81	1.85	34.88	27.77	67.3	0.146	1447.0								
380	1.81	1.85	34.88	27.77	67.3	0.147	1447.1								
385	1.81	1.85	34.88	27.77	67.3	0.148	1447.2								
390	1.81	1.85	34.88	27.77	67.3	0.149	1447.3								
395	1.81	1.85	34.88	27.77	67.3	0.150	1447.4								
400	1.81	1.85	34.88	27.77	67.3	0.151	1447.5								
405	1.81	1.85	34.88	27.77	67.3	0.152	1447.6								
410	1.81	1.85	34.88	27.77	67.3	0.153	1447.7								
415	1.81	1.85	34.88	27.77	67.3	0.154	1447.8								
420	1.81	1.85	34.88	27.77	67.3	0.155	1447.9								
425	1.81	1.85	34.88	27.77	67.3	0.156	1448.0								
430	1.81	1.85	34.88	27.77	67.3	0.157	1448.1								
435	1.81	1.85	34.88	27.77	67.3	0.158	1448.2								
440	1.81	1.85	34.88	27.77	67.3	0.159	1448.3								
445	1.81	1.85	34.88	27.77	67.3	0.160	1448.4								
450	1.81	1.85	34.88	27.77	67.3	0.161	1448.5								
455	1.81	1.85	34.88	27.77	67.3	0.162	1448.6								
460	1.81	1.85	34.88	27.77	67.3	0.163	1448.7								
465	1.81	1.85	34.88	27.77	67.3	0.164	1448.8								
470	1.81	1.85	34.88	27.77	67.3	0.165	1448.9								
475	1.81	1.85	34.88	27.77	67.3	0.166	1449.0								
480	1.81	1.85	34.88	27.77	67.3	0.167	1449.1								
485	1.81	1.85	34.88	27.77	67.3	0.168	1449.2								
490	1.81	1.85	34.88	27.77	67.3	0.169	1449.3								
495	1.81	1.85	34.88	27.77	67.3	0.170	1449.4								
500	1.81	1.85	34.88	27.77	67.3	0.171	1449.5								
505	1.81	1.85	34.88	27.77	67.3	0.172	1449.6								
510	1.81	1.85	34.88	27.77	67.3	0.173	1449.7								
515	1.81	1.85	34.88	27.77	67.3	0.174	1449.8								
520	1.81	1.85	34.88	27.77	67.3	0.175	1449.9								
525	1.81	1.85	34.88												



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FRAM 3 STATION 126(1) CTU 29/APR/1981 913 GMT CUDE = 5
LAY = W1.9033N LNG = 5.4648E LTER = 30.0 LGER = 30.0
ALM TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

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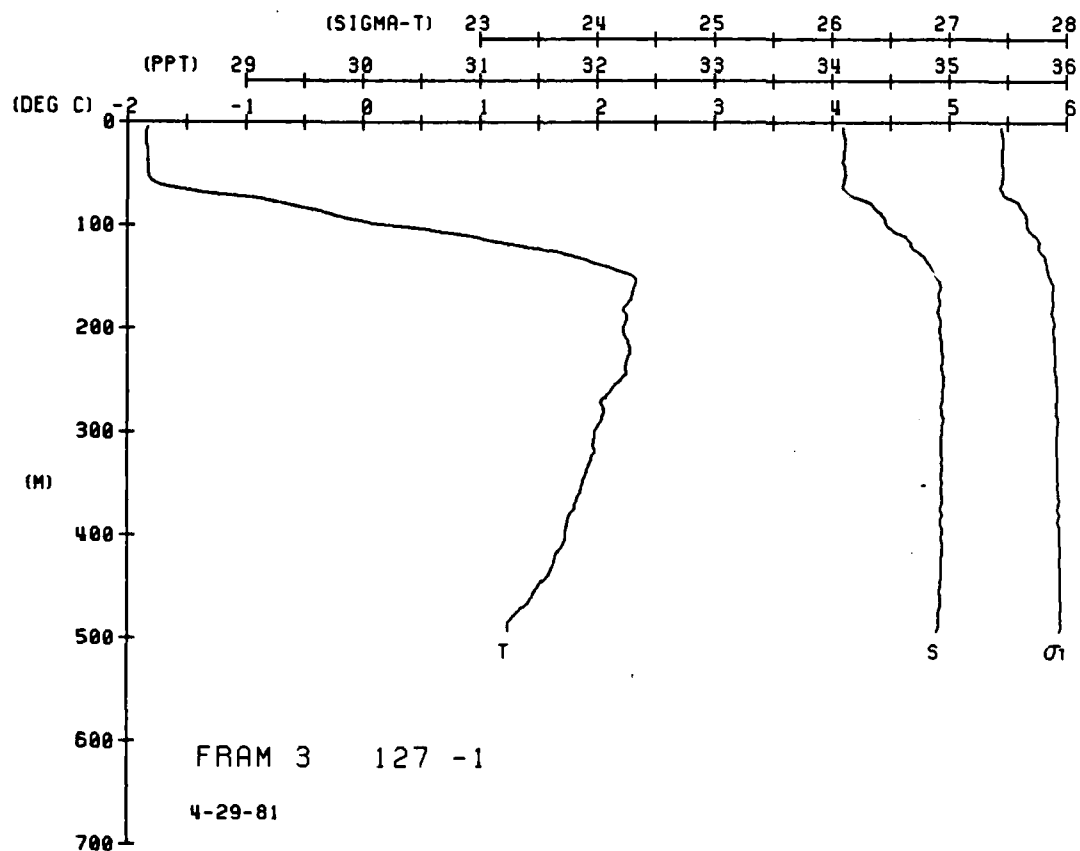
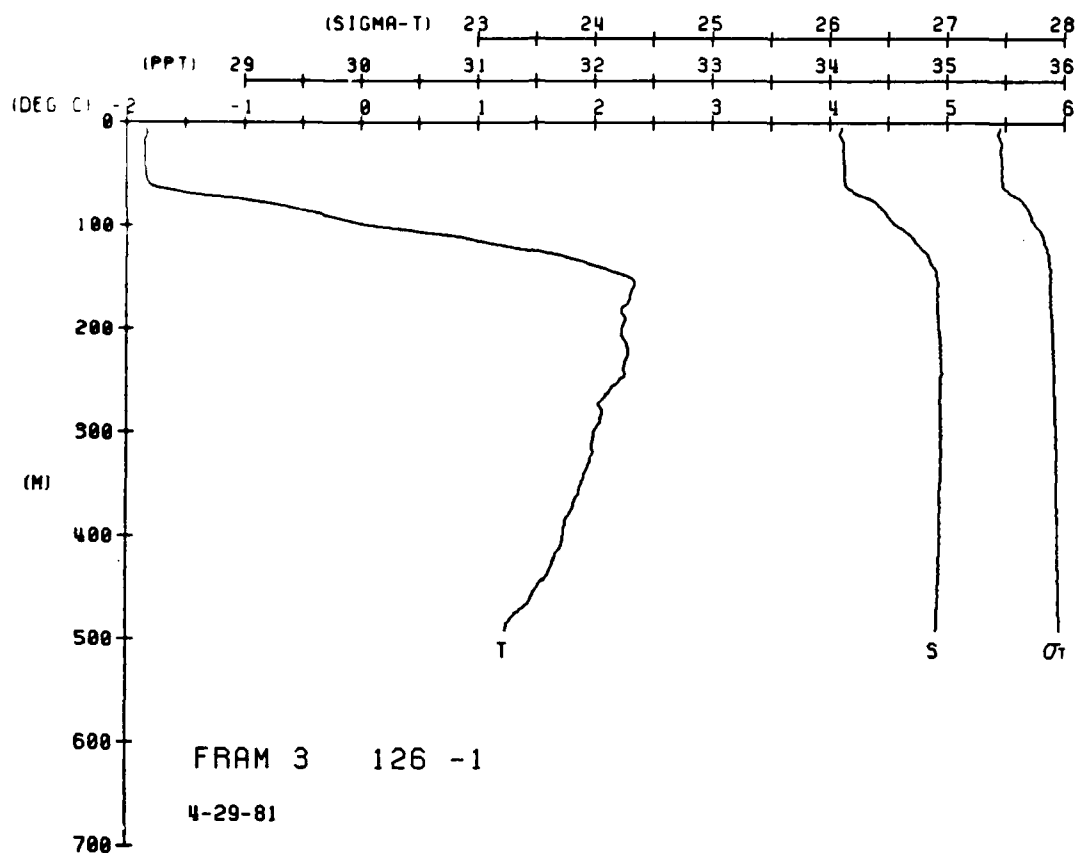
FRAM 3 STATION 127(1) CTD 29/APR/1981
LAT = 81.9033N LNC = 5.4648E LTER =
WIND TEMP = 0.0 BAKUM = 0.0 WIND =

917 GMT CODE = 5
30 LGER = 30.0
0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYMT	SOUND
0	84	84	34.11	22.46	61.2	0.000	1439.5
5	84	84	34.11	22.46	61.3	0.002	1439.6
10	84	84	34.10	22.45	61.4	0.003	1439.7
15	84	84	34.10	22.45	61.5	0.005	1439.8
20	84	84	34.12	22.46	61.6	0.012	1439.9
25	84	84	34.12	22.46	61.7	0.016	1440.0
30	84	84	34.12	22.47	61.8	0.022	1440.1
35	84	84	34.13	22.47	61.9	0.025	1440.2
40	84	84	34.13	22.47	62.0	0.031	1440.3
45	84	84	34.13	22.47	62.1	0.038	1440.4
50	84	84	34.13	22.47	62.2	0.044	1440.5
55	84	84	34.13	22.48	62.3	0.047	1440.6
60	84	84	34.13	22.48	62.4	0.051	1440.7
65	84	84	34.13	22.48	62.5	0.054	1440.8
70	84	84	34.13	22.48	62.6	0.058	1440.9
75	84	84	34.13	22.48	62.7	0.062	1441.0
80	84	84	34.13	22.48	62.8	0.065	1441.1
85	84	84	34.13	22.48	62.9	0.067	1441.2
90	84	84	34.13	22.48	63.0	0.072	1441.3
95	84	84	34.13	22.48	63.1	0.074	1441.4
100	84	84	34.13	22.48	63.2	0.076	1441.5
105	84	84	34.13	22.48	63.3	0.078	1441.6
110	84	84	34.13	22.48	63.4	0.080	1441.7
115	84	84	34.13	22.48	63.5	0.082	1441.8
120	84	84	34.13	22.48	63.6	0.085	1441.9
125	84	84	34.13	22.48	63.7	0.087	1442.0
130	84	84	34.13	22.48	63.8	0.089	1442.1
135	84	84	34.13	22.48	63.9	0.091	1442.2
140	84	84	34.13	22.48	64.0	0.093	1442.3
145	84	84	34.13	22.48	64.1	0.094	1442.4
150	84	84	34.13	22.48	64.2	0.096	1442.5
155	84	84	34.13	22.48	64.3	0.098	1442.6
160	84	84	34.13	22.48	64.4	0.098	1442.7
165	84	84	34.13	22.48	64.5	0.102	1442.8
170	84	84	34.13	22.48	64.6	0.104	1442.9
175	84	84	34.13	22.48	64.7	0.106	1443.0
180	84	84	34.13	22.48	64.8	0.109	1443.1
185	84	84	34.13	22.48	64.9	0.111	1443.2
190	84	84	34.13	22.48	65.0	0.113	1443.3
195	84	84	34.13	22.48	65.1	0.115	1443.4
200	84	84	34.13	22.48	65.2	0.117	1443.5
205	84	84	34.13	22.48	65.3	0.118	1443.6
210	84	84	34.13	22.48	65.4	0.120	1443.7
215	84	84	34.13	22.48	65.5	0.122	1443.8
220	84	84	34.13	22.48	65.6	0.124	1443.9
225	84	84	34.13	22.48	65.7	0.127	1444.0
230	84	84	34.13	22.48	65.8	0.129	1444.1
235	84	84	34.13	22.48	65.9	0.132	1444.2
240	84	84	34.13	22.48	66.0	0.130	1444.3
245	84	84	34.13	22.48	66.1	0.132	1444.4
250	84	84	34.13	22.48	66.2	0.132	1444.5
255	84	84	34.13	22.48	66.3	0.132	1444.6
260	84	84	34.13	22.			

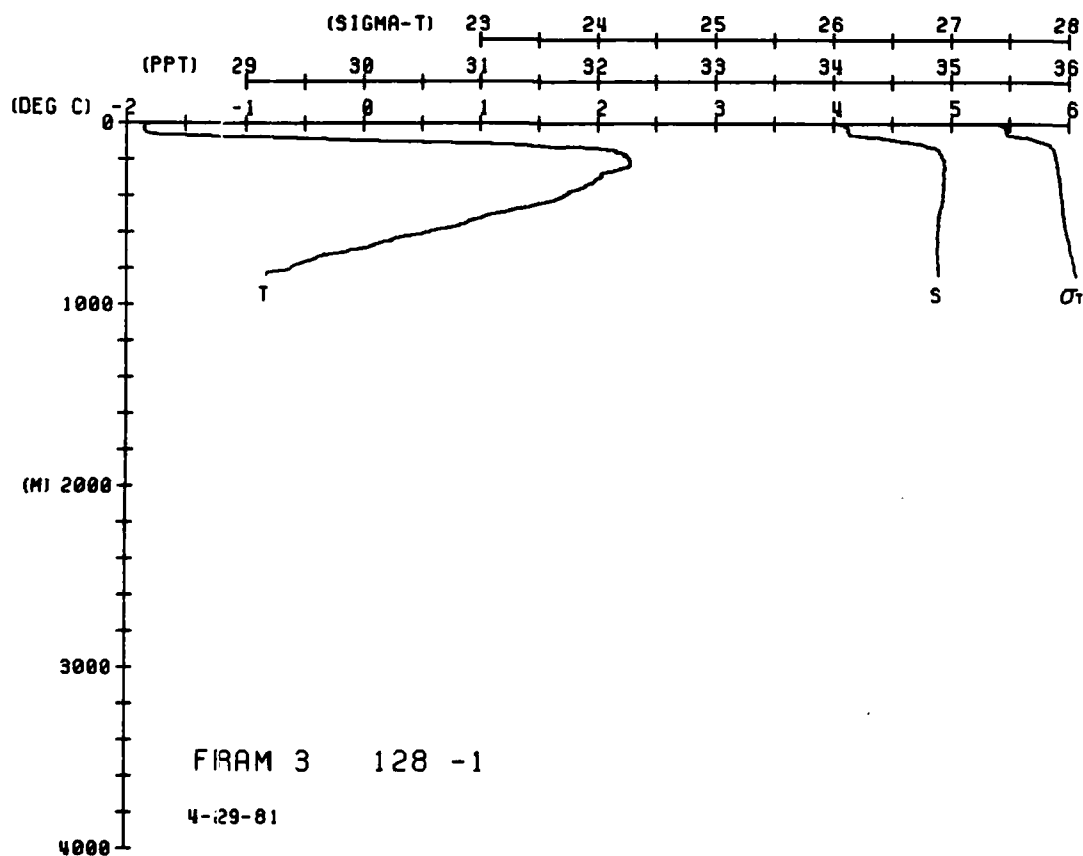
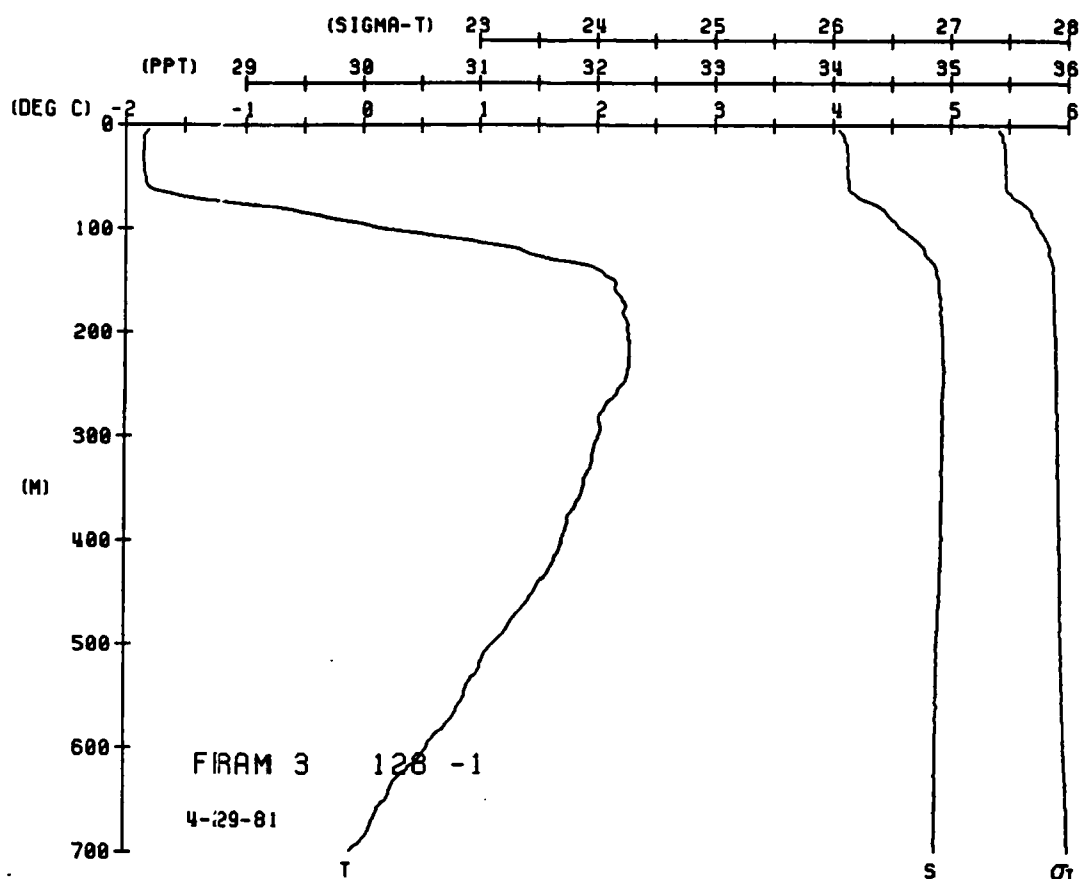
TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHI	SOUND
1.1	1.1	34.1	27.45	62.3	0.002	1439.5
1.1	1.1	34.0	27.45	62.3	0.003	1439.6
1.1	1.1	34.0	27.46	61.9	0.003	1439.7
1.1	1.1	34.1	27.46	61.9	0.016	1439.8
1.1	1.1	34.1	27.46	61.9	0.019	1439.9
1.1	1.1	34.1	27.45	61.7	0.022	1440.0
1.1	1.1	34.1	27.45	61.7	0.029	1440.1
1.1	1.1	34.1	27.46	60.9	0.034	1440.2
1.1	1.1	34.1	27.46	61.9	0.037	1440.3
1.1	1.1	34.1	27.46	61.9	0.040	1440.4
1.1	1.1	34.1	27.47	62.0	0.046	1440.5
1.1	1.1	34.1	27.47	62.0	0.049	1440.6
1.1	1.1	34.1	27.54	53.7	0.051	1440.7
1.1	1.1	34.1	27.64	46.4	0.053	1440.8
1.1	1.1	34.1	27.69	42.9	0.055	1440.9
1.1	1.1	34.1	27.67	40.1	0.058	1441.0
1.1	1.1	34.1	27.67	37.4	0.058	1441.1
1.1	1.1	34.1	27.77	32.2	0.065	1441.2
1.1	1.1	34.1	27.82	27.6	0.068	1441.3
1.1	1.1	34.1	27.84	25.6	0.070	1441.4
1.1	1.1	34.1	27.89	23.6	0.073	1441.5
1.1	1.1	34.1	27.89	21.9	0.075	1441.6
1.1	1.1	34.1	27.89	21.1	0.077	1441.7
1.1	1.1	34.1	27.89	21.2	0.080	1441.8
1.1	1.1	34.1	27.89	21.2	0.082	1441.9
1.1	1.1	34.1	27.89	21.2	0.084	1442.0
1.1	1.1	34.1	27.90	20.6	0.086	1442.1
1.1	1.1	34.1	27.91	20.4	0.088	1442.2
1.1	1.1	34.1	27.91	20.2	0.092	1442.3
1.1	1.1	34.1	27.92	19.1	0.094	1442.4
1.1	1.1	34.1	27.92	18.5	0.096	1442.5
1.1	1.1	34.1	27.92	18.0	0.098	1442.6
1.1	1.1	34.1	27.92	17.9	0.100	1442.7
1.1	1.1	34.1	27.93	18.0	0.102	1442.8
1.1	1.1	34.1	27.93	18.0	0.104	1442.9
1.1	1.1	34.1	27.93	18.0	0.105	1443.0
1.1	1.1	34.1	27.93	18.0	0.107	1443.1
1.1	1.1	34.1	27.93	18.0	0.109	1443.2
1.1	1.1	34.1	27.94	17.7	0.111	1443.3
1.1	1.1	34.1	27.94	17.7	0.112	1443.4
1.1	1.1	34.1	27.94	17.7	0.113	1443.5
1.1	1.1	34.1	27.94	17.7	0.115	1443.6
1.1	1.1	34.1	27.94	17.7	0.116	1443.7
1.1	1.1	34.1	27.94	17.7	0.118	1443.8
1.1	1.1	34.1	27.94	17.7	0.120	1443.9
1.1	1.1	34.1	27.94	17.7	0.122	1444.0
1.1	1.1	34.1	27.94	17.7	0.123	1444.1
1.1	1.1	34.1	27.94	17.7	0.125	1444.2
1.1	1.1	34.1	27.94	17.7	0.126	1444.3
1.1	1.1	34.1	27.94	17.7	0.128	1444.4
1.1	1.1	34.1	27.94	17.7	0.130	1444.5
1.1	1.1	34.1	27.94	17.7	0.131	1444.6
1.1	1.1	34.1	27.94	17.7	0.133	1444.7
1.1	1.1	34.1	27.94	17.7	0.134	1444.8
1.1	1.1	34.1	27.94	17.7	0.136	1444.9
1.1	1.1	34.1	27.94	17.7	0.138	1445.0
1.1	1.1	34.1	27.94	17.7	0.140	1445.1
1.1	1.1	34.1	27.94			

DYNT	SOUND
0.000	1439.5
0.002	1439.6
0.003	1439.6
0.006	1439.6
0.009	1439.7
0.013	1439.8
0.016	1439.9
0.019	1440.0
0.022	1440.1
0.024	1440.2
0.031	1440.3
0.034	1440.4
0.037	1440.6
0.040	1440.9
0.044	1441.9
0.046	1443.6
0.049	1445.6
0.051	1446.0
0.053	1446.0
0.055	1449.9
0.058	1451.3
0.061	1454.6
0.065	1456.9
0.068	1459.7
0.070	1460.7
0.073	1462.2
0.075	1462.2
0.077	1462.1
0.080	1462.1
0.082	1462.4
0.084	1462.5
0.086	1462.8
0.088	1463.1
0.090	1463.1
0.092	1463.2
0.094	1463.3
0.096	1463.0
0.098	1463.1
0.100	1463.1
0.102	1463.2
0.104	1463.3
0.105	1463.3
0.107	1463.4
0.109	1463.4
0.111	1463.5
0.113	1463.5
0.115	1463.5
0.116	1463.5
0.118	1463.5
0.122	1463.6
0.123	1463.7
0.125	1463.7
0.128	1463.6
0.130	1463.4
0.131	1463.3
0.133	1463.2
0.136	1462.9
0.138	1462.9



FRAM 3 STATION 128(1) CTD 29/APR/1981 1050 GMT CODE = 5
LAT = 81.9027N LNG = 5.4662E LTR = 30.
AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	1.79	1.79	34.04	2.40	66.7	0.000	1439.6	710.0	-0.17	-0.20	34.88	28.02	7.7	0.159	1460.2
5.0	1.80	1.79	34.05	2.41	66.5	0.003	1439.7	740.0	-0.40	-0.43	34.89	28.04	5.7	0.161	1459.6
10.0	1.84	1.84	34.09	2.44	66.2	0.007	1439.9	790.0	-0.61	-0.64	34.89	28.05	4.2	0.164	1459.5
15.0	1.85	1.85	34.10	2.46	66.0	0.010	1439.9	838.2	-0.83	-0.86	34.90	28.07	1.6	0.165	1459.3
20.0	1.88	1.88	34.11	2.47	65.9	0.016	1439.9								
25.0	1.88	1.88	34.11	2.47	65.8	0.022	1439.9								
30.0	1.88	1.88	34.11	2.47	65.8	0.028	1440.0								
35.0	1.88	1.88	34.11	2.47	65.8	0.034	1440.3								
40.0	1.88	1.88	34.11	2.47	65.8	0.040	1440.5								
45.0	1.88	1.88	34.11	2.47	65.8	0.047	1440.7								
50.0	1.88	1.88	34.11	2.47	65.8	0.053	1441.4								
55.0	1.88	1.88	34.11	2.47	65.8	0.060	1442.6								
60.0	1.88	1.88	34.11	2.47	65.8	0.067	1444.5								
65.0	1.88	1.88	34.11	2.47	65.8	0.074	1445.8								
70.0	1.88	1.88	34.11	2.47	65.8	0.081	1447.1								
75.0	1.88	1.88	34.11	2.47	65.8	0.088	1448.9								
80.0	1.88	1.88	34.11	2.47	65.8	0.095	1450.2								
85.0	1.88	1.88	34.11	2.47	65.8	0.102	1451.3								
90.0	1.88	1.88	34.11	2.47	65.8	0.109	1452.5								
95.0	1.88	1.88	34.11	2.47	65.8	0.116	1453.7								
100.0	1.88	1.88	34.11	2.47	65.8	0.123	1454.9								
105.0	1.88	1.88	34.11	2.47	65.8	0.130	1456.1								
110.0	1.88	1.88	34.11	2.47	65.8	0.137	1457.3								
115.0	1.88	1.88	34.11	2.47	65.8	0.144	1458.5								
120.0	1.88	1.88	34.11	2.47	65.8	0.151	1459.7								
125.0	1.88	1.88	34.11	2.47	65.8	0.158	1460.9								
130.0	1.88	1.88	34.11	2.47	65.8	0.165	1462.1								
135.0	1.88	1.88	34.11	2.47	65.8	0.172	1463.3								
140.0	1.88	1.88	34.11	2.47	65.8	0.179	1464.5								
145.0	1.88	1.88	34.11	2.47	65.8	0.186	1465.7								
150.0	1.88	1.88	34.11	2.47	65.8	0.193	1466.9								
155.0	1.88	1.88	34.11	2.47	65.8	0.200	1468.1								
160.0	1.88	1.88	34.11	2.47	65.8	0.207	1469.3								
165.0	1.88	1.88	34.11	2.47	65.8	0.214	1470.5								
170.0	1.88	1.88	34.11	2.47	65.8	0.221	1471.7								
175.0	1.88	1.88	34.11	2.47	65.8	0.228	1472.9								
180.0	1.88	1.88	34.11	2.47	65.8	0.235	1474.1								
185.0	1.88	1.88	34.11	2.47	65.8	0.242	1475.3								
190.0	1.88	1.88	34.11	2.47	65.8	0.249	1476.5								
195.0	1.88	1.88	34.11	2.47	65.8	0.256	1477.7								
200.0	1.88	1.88	34.11	2.47	65.8	0.263	1478.9								
205.0	1.88	1.88	34.11	2.47	65.8	0.270	1480.1								
210.0	1.88	1.88	34.11	2.47	65.8	0.277	1481.3								
215.0	1.88	1.88	34.11	2.47	65.8	0.284	1482.5								
220.0	1.88	1.88	34.11	2.47	65.8	0.291	1483.7								
225.0	1.88	1.88	34.11	2.47	65.8	0.298	1484.9								
230.0	1.88	1.88	34.11	2.47	65.8	0.305	1486.1								
235.0	1.88	1.88	34.11	2.47	65.8	0.312	1487.3								
240.0	1.88	1.88	34.11	2.47	65.8	0.319	1488.5								
245.0	1.88	1.88	34.11	2.47	65.8	0.326	1489.7								
250.0	1.88	1.88	34.11	2.47	65.8	0.333	1490.9								
255.0	1.88	1.88	34.11	2.47	65.8	0.340	1492.1								
260.0	1.88	1.88	34.11	2.47	65.8	0.347	1493.3								
265.0	1.88	1.88	34.11	2.47	65.8	0.354	1494.5								
270.0	1.88	1.88	34.11	2.47	65.8	0.361	1495.7								
275.0	1.88	1.88	34.11	2.47	65.8	0.368	1496.9								
280.0	1.88	1.88	34.11	2.47	65.8	0.375	1498.1								
285.0	1.88	1.88	34.11	2.47	65.8	0.382	1499.3								
290.0	1.88	1.88	34.11	2.47	65.8	0.389	1500.5								
295.0	1.88	1.88	34.11	2.47	65.8	0.396	1501.7								
300.0	1.88	1.88	34.11	2.47	65.8	0.403	1502.9								
305.0	1.88	1.88	34.11	2.47	65.8	0.410	1504.1								
310.0	1.88	1.88	34.11	2.47	65.8	0.417	1505.3								
315.0	1.88	1.88	34.11	2.47	65.8	0.424	1506.5								
320.0	1.88	1.88	34.11	2.47	65.8	0.431	1507.7								
325.0	1.88	1.88	34.11	2.47	65.8	0.438	1508.9								
330.0	1.88	1.88	34.11	2.47	65.8	0.445	1510.1								
335.0	1.88	1.88	34.11	2.47	65.8	0.452	1511.3								
340.0	1.88	1.88	34.11	2.47	65.8	0.459	1512.5								
345.0	1.88	1.88	34.11	2.47	65.8	0.466	1513.7								
350.0	1.88	1.88	34.11	2.47	65.8	0.473	1514.9								
355.0	1.88	1.88	34.11	2.47	65.8	0.480	1516.1								
360.0	1.88	1.88	34.11	2.47	65.8	0.487	1517.3								
365.0	1.88	1.88	34.11	2.47	65.8	0.494	1518.5								
370.0	1.88	1.88	34.11	2.47	65.8	0.501	1519.7								
375.0	1.88	1.88	34.11	2.47	65.8	0.508	1520.9								
380.0	1.88	1.88	34.11	2.47	65.8	0.515	1522.1								
385.0	1.88	1.88	34.11	2.47	65.8	0.522	1523.3								
390.0	1.88	1.88	34.11	2.47	65.8	0.529	1524.5								
395.0	1.88	1.88	34.11	2.47	65.8	0.536	1525.7								
400.0	1.88	1.88	34.11	2.47	65.8	0.543	1526.9								
405.0	1.88	1.88	34.11	2.47	65.8	0.550	1528.1								
410.0	1.88	1.88	34.11	2.47	65.8	0.557	1529.3								
415.0	1.88	1.88	34.11	2.47	65.8	0.564	1530.5								
420.0	1.88	1.88	34.11	2.47	65.8	0.571	1531.7								
425.0	1.88	1.88	34.11	2.47	65.8	0.578	1532.9								
430.0	1.88	1.88	34.11	2.47	65.8	0.585	1534.1								
435.0	1.88	1.88	34.11	2.47	65.8	0.592	1535.3								
440.0	1.88	1.88	34.11	2.47	65.8	0.599	1536.5								
445.0	1.88	1.88	34.11	2.47	65.8	0.606	1537.7								
450.0	1.88	1.88	34.11	2.47	65.8	0.613	1538.9								
455.0	1.88	1.88	34.11	2.47	65.8	0.620	1540.1								
460.0	1.88	1.88	34.11	2.47	65.8	0.627	1541.3								
465.0	1.88	1.88	34.11	2.47	65.8	0.634	1542.5								
470.0	1.88	1.88	34.11	2.47	65.8	0.641	1543.7								
475.0	1.88	1.88	34.11	2.47	65.8	0.648	1544.9								
480.0	1.88	1.88	34.11	2.47	65.8	0.655	1546.1								
485.0	1.88	1.88	34.11	2.47	65.8	0.662	1547.3								
490.0	1.88	1.88	34.11	2.47	65.8	0.669	1548.5								
495.0	1.88	1.88	34.11	2.47	65.8	0.676	1549.7								
500.0	1.88	1.88	34.11	2.47	65.8	0.683	1550.9								
505.0	1.88	1.88	34.11	2.47	65.8	0.690	1552.1								
510.0	1.88	1.88	34.11	2.47	65.8	0.697	1553.3								
515.0	1.88	1.88	34.11	2.47	65.8	0.704	1554.5								
520.0	1.88	1.88	34.11	2.47	65.8	0.711	1555.7								
525.0	1.88	1.88	34.11	2.47	65.8	0.718	1556.9								

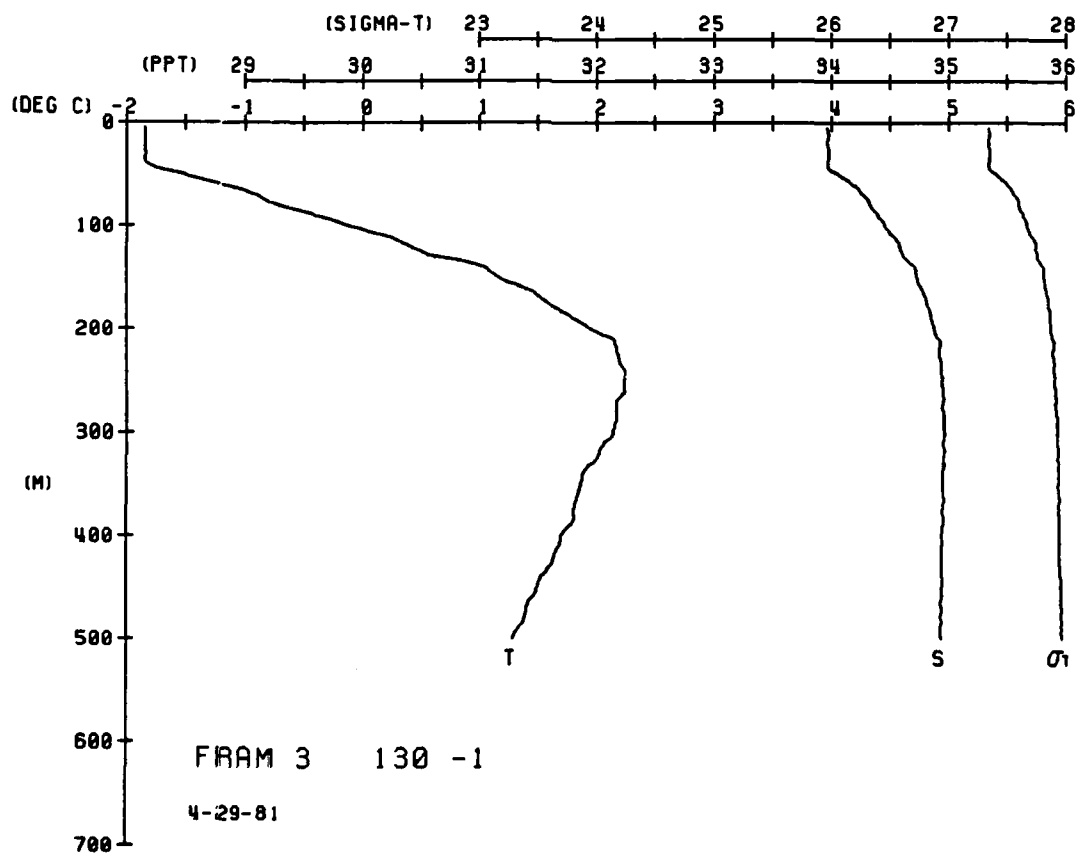
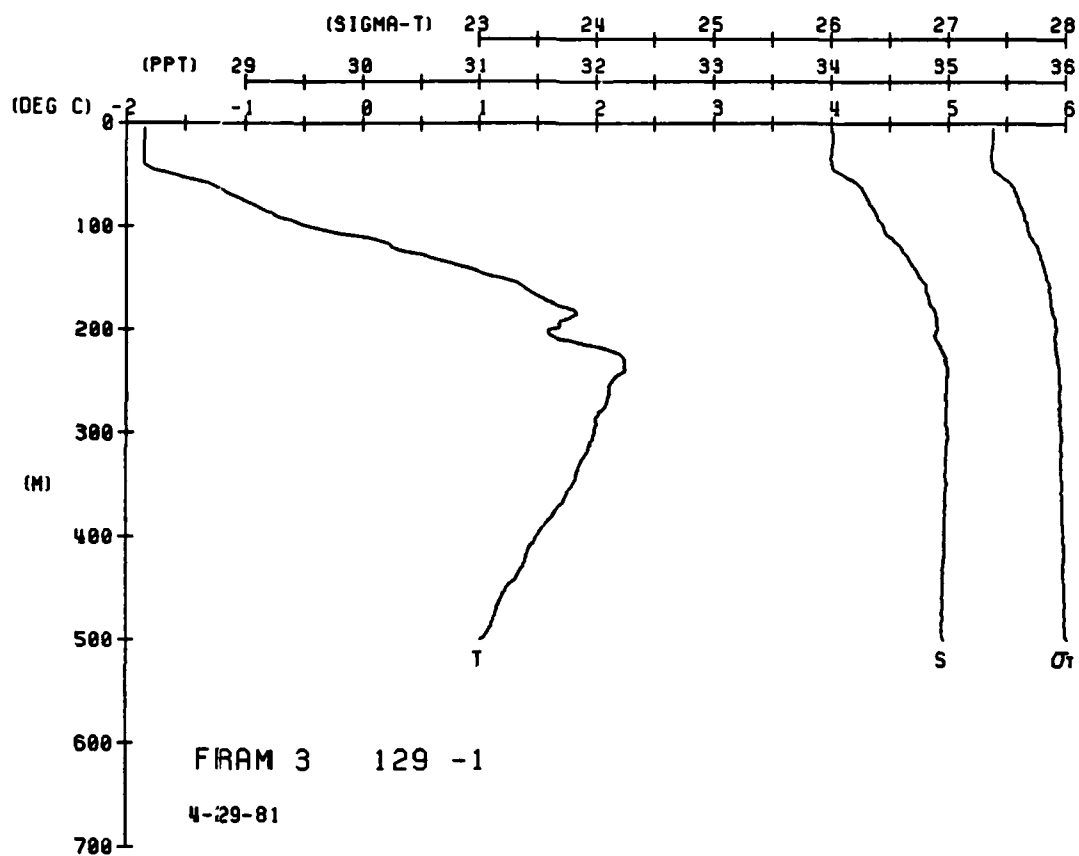


FRAM 3 STATION 129(1) CTU 29/APR/1981 1116 GMT CODE = 5
LAT = H2.3183N LMG = 300.0 LGEM = 300.0
AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	84	84	33.97	27.34	68.87	0.003	1439.3
4	84	84	33.97	27.34	68.87	0.003	1439.4
10	84	84	33.97	27.34	68.87	0.007	1439.5
15	84	84	33.97	27.34	68.87	0.014	1439.6
20	84	84	33.97	27.34	68.87	0.021	1439.7
25	84	84	33.97	27.34	68.87	0.028	1439.8
30	84	84	33.97	27.34	68.87	0.035	1439.9
35	84	84	33.97	27.34	68.87	0.042	1440.0
40	84	84	33.97	27.34	68.87	0.049	1440.1
45	84	84	33.97	27.34	68.87	0.056	1440.2
50	84	84	33.97	27.34	68.87	0.063	1440.3
55	84	84	33.97	27.34	68.87	0.070	1440.4
60	84	84	33.97	27.34	68.87	0.077	1440.5
65	84	84	33.97	27.34	68.87	0.084	1440.6
70	84	84	33.97	27.34	68.87	0.091	1440.7
75	84	84	33.97	27.34	68.87	0.098	1440.8
80	84	84	33.97	27.34	68.87	0.105	1440.9
85	84	84	33.97	27.34	68.87	0.112	1441.0
90	84	84	33.97	27.34	68.87	0.119	1441.1
95	84	84	33.97	27.34	68.87	0.126	1441.2
100	84	84	33.97	27.34	68.87	0.133	1441.3
110	84	84	33.97	27.34	68.87	0.140	1441.4
120	84	84	33.97	27.34	68.87	0.147	1441.5
130	84	84	33.97	27.34	68.87	0.154	1441.6
140	84	84	33.97	27.34	68.87	0.161	1441.7
150	84	84	33.97	27.34	68.87	0.168	1441.8
160	84	84	33.97	27.34	68.87	0.175	1441.9
170	84	84	33.97	27.34	68.87	0.182	1442.0
180	84	84	33.97	27.34	68.87	0.189	1442.1
190	84	84	33.97	27.34	68.87	0.196	1442.2
200	84	84	33.97	27.34	68.87	0.203	1442.3
210	84	84	33.97	27.34	68.87	0.210	1442.4
220	84	84	33.97	27.34	68.87	0.217	1442.5
230	84	84	33.97	27.34	68.87	0.224	1442.6
240	84	84	33.97	27.34	68.87	0.231	1442.7
250	84	84	33.97	27.34	68.87	0.238	1442.8
260	84	84	33.97	27.34	68.87	0.245	1442.9
270	84	84	33.97	27.34	68.87	0.252	1443.0
280	84	84	33.97	27.34	68.87	0.259	1443.1
290	84	84	33.97	27.34	68.87	0.266	1443.2
300	84	84	33.97	27.34	68.87	0.273	1443.3
310	84	84	33.97	27.34	68.87	0.280	1443.4
320	84	84	33.97	27.34	68.87	0.287	1443.5
330	84	84	33.97	27.34	68.87	0.294	1443.6
340	84	84	33.97	27.34	68.87	0.301	1443.7
350	84	84	33.97	27.34	68.87	0.308	1443.8
360	84	84	33.97	27.34	68.87	0.315	1443.9
370	84	84	33.97	27.34	68.87	0.322	1444.0
380	84	84	33.97	27.34	68.87	0.329	1444.1
390	84	84	33.97	27.34	68.87	0.336	1444.2
400	84	84	33.97	27.34	68.87	0.343	1444.3
410	84	84	33.97	27.34	68.87	0.350	1444.4
420	84	84	33.97	27.34	68.87	0.357	1444.5
430	84	84	33.97	27.34	68.87	0.364	1444.6
440	84	84	33.97	27.34	68.87	0.371	1444.7
450	84	84	33.97	27.34	68.87	0.378	1444.8
460	84	84	33.97	27.34	68.87	0.385	1444.9
470	84	84	33.97	27.34	68.87	0.392	1445.0
480	84	84	33.97	27.34	68.87	0.399	1445.1
490	84	84	33.97	27.34	68.87	0.406	1445.2
500	84	84	33.97	27.34	68.87	0.413	1445.3
510	84	84	33.97	27.34	68.87	0.420	1445.4
520	84	84	33.97	27.34	68.87	0.427	1445.5
530	84	84	33.97	27.34	68.87	0.434	1445.6
540	84	84	33.97	27.34	68.87	0.441	1445.7
550	84	84	33.97	27.34	68.87	0.448	1445.8
560	84	84	33.97	27.34	68.87	0.455	1445.9
570	84	84	33.97	27.34	68.87	0.462	1446.0
580	84	84	33.97	27.34	68.87	0.469	1446.1
590	84	84	33.97	27.34	68.87	0.476	1446.2
600	84	84	33.97	27.34	68.87	0.483	1446.3
610	84	84	33.97	27.34	68.87	0.490	1446.4
620	84	84	33.97	27.34	68.87	0.497	1446.5
630	84	84	33.97	27.34	68.87	0.504	1446.6
640	84	84	33.97	27.34	68.87	0.511	1446.7
650	84	84	33.97	27.34	68.87	0.518	1446.8
660	84	84	33.97	27.34	68.87	0.525	1446.9
670	84	84	33.97	27.34	68.87	0.532	1447.0
680	84	84	33.97	27.34	68.87	0.539	1447.1
690	84	84	33.97	27.34	68.87	0.546	1447.2
700	84	84	33.97	27.34	68.87	0.553	1447.3
710	84	84	33.97	27.34	68.87	0.560	1447.4
720	84	84	33.97	27.34	68.87	0.567	1447.5
730	84	84	33.97	27.34	68.87	0.574	1447.6
740	84	84	33.97	27.34	68.87	0.581	1447.7
750	84	84	33.97	27.34	68.87	0.588	1447.8
760	84	84	33.97	27.34	68.87	0.595	1447.9
770	84	84	33.97	27.34	68.87	0.602	1448.0
780	84	84	33.97	27.34	68.87	0.609	1448.1
790	84	84	33.97	27.34	68.87	0.616	1448.2
800	84	84	33.97	27.34	68.87	0.623	1448.3
810	84	84	33.97	27.34	68.87	0.630	1448.4
820	84	84	33.97	27.34	68.87	0.637	1448.5
830	84	84	33.97	27.34	68.87	0.644	1448.6
840	84	84	33.97	27.34	68.87	0.651	1448.7
850	84	84	33.97	27.34	68.87	0.658	1448.8
860	84	84	33.97	27.34	68.87	0.665	1448.9
870	84	84	33.97	27.34	68.87	0.672	1449.0
880	84	84	33.97	27.34	68.87	0.679	1449.1
890	84	84	33.97	27.34	68.87	0.686	1449.2
900	84	84	33.97	27.34	68.87	0.693	1449.3
910	84	84	33.97	27.34	68.87	0.700	1449.4
920	84	84	33.97	27.34	68.87	0.707	1449.5
930	84	84	33.97	27.34	68.87	0.714	1449.6
940	84	84	33.97	27.34	68.87	0.721	1449.7
950	84	84	33.97	27.34	68.87	0.728	1449.8
960	84	84	33.97	27.34	68.87	0.735	1449.9
970	84	84	33.97	27.34	68.87	0.742	1450.0
980	84	84	33.97	27.34	68.87	0.749	1450.1
990	84	84	33.97	27.34	68.87	0.756	1450.2
1000	84	84	33.97	27.34	68.87	0.763	1450.3

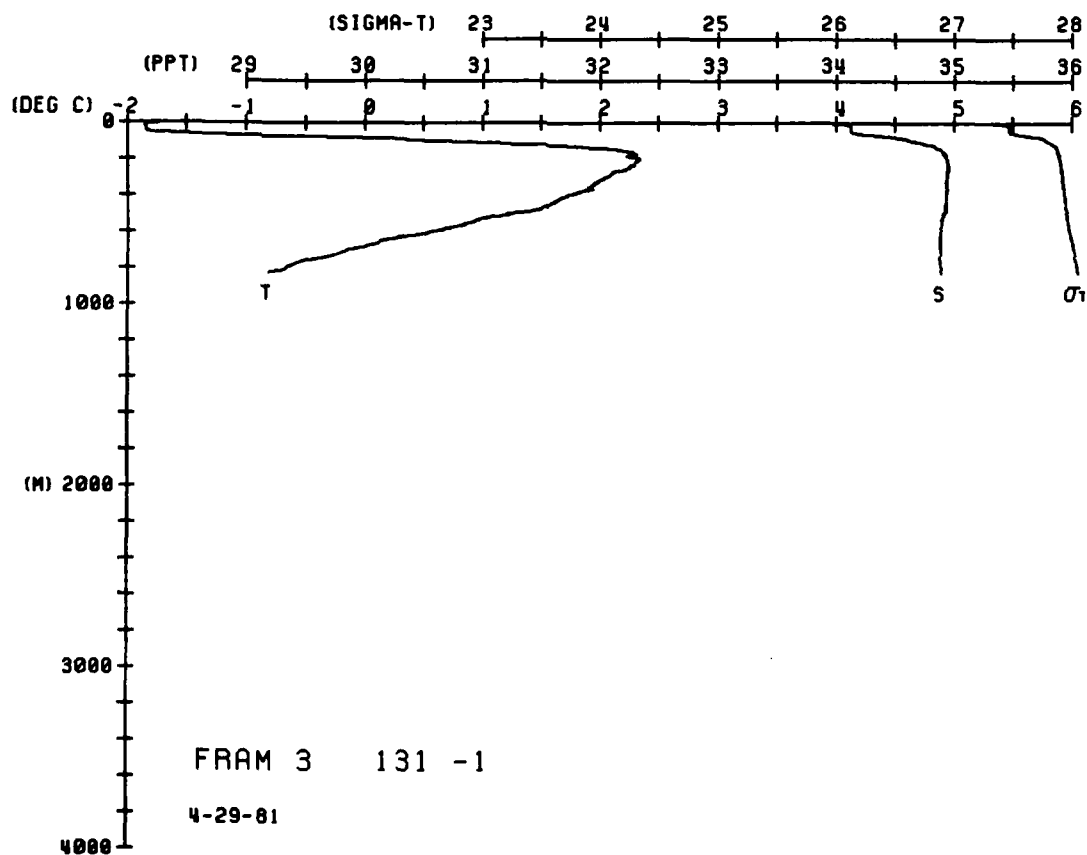
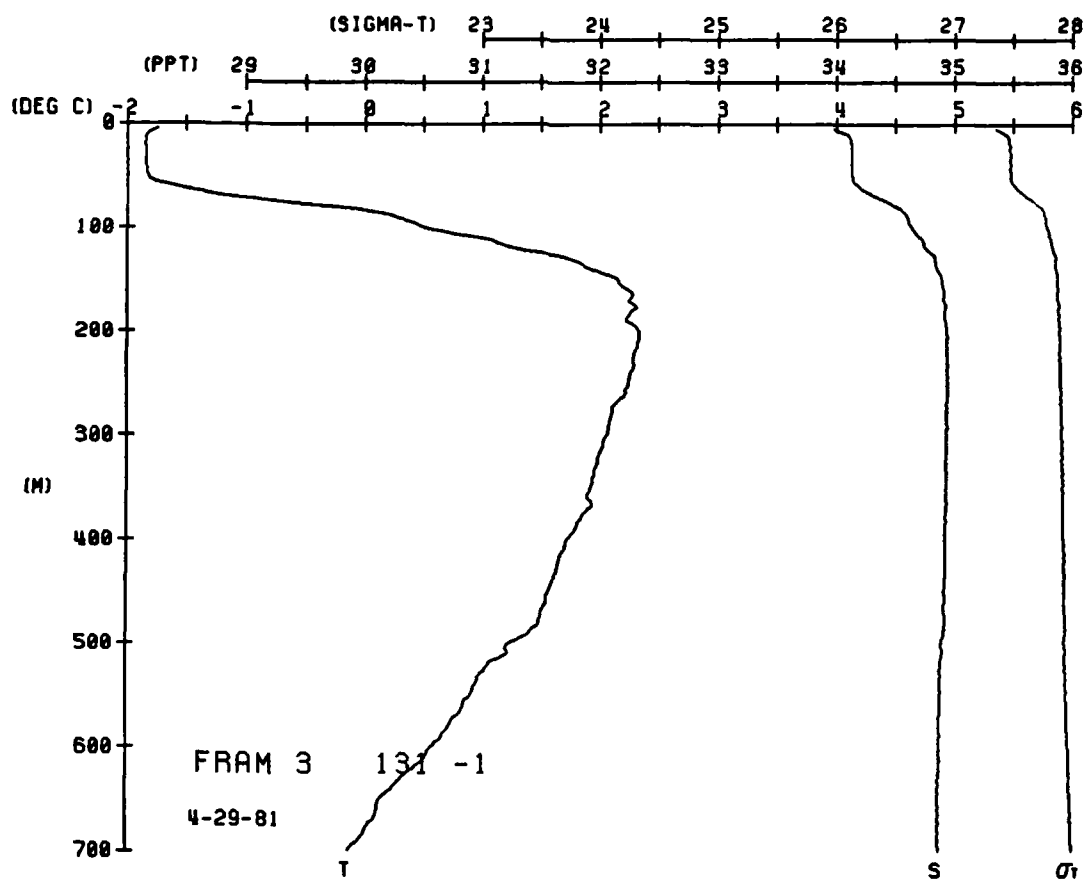
FRAM 3 STATION 130(1) CTU 29/APR/1981 1427 GMT CODE = 5
LAT = H2.3183N LMG = 300.0 LGEM = 300.0
AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	84	84	33.97	27.34	72.5	0.003	1439.3
4	84	84	33.97	27.34	72.5	0.003	1439.4
10	84	84	33.97	27.34	72.5	0.007	1439.5
15	84	84	33.97	27.34	72.5	0.014	1439.6
20	84	84	33.97	27.34	72.5	0.021	1439.7
25	84	84	33.97	27.34	72.5	0.028	1439.8
30	84	84	33.97	27.34	72.5	0.035	1439.9
35	84	84	33.97	27.34	72.5	0.042	1440.0
40	84	84	33.97	27.34	72.5	0.049	1440.1
45	84	84	33.97	27.34	72.5	0.056	1440.2
50	84	84	33.97	27.34	72.5	0.063	1440.3
55	84	84	33.97	27.34	72.5	0.070	1440.4
60	84	84	33.97	27.34	72.5	0.077	1440.5
65	84	84	33.97	27.34	72.5	0.084	1440.6
70	84	84	33.97	27.34	72.5	0.091	1440.7
75	84	84	33.97	27.34	72.5	0.098	1440.8
80	84	84	33.97	27.34	72.5	0.105	1440.9
85	84	84	33.97	27.34	72.5	0.112	1441.0
90	84	84	33.97	27.34	72.5	0.119	1441.1
95	84	84	33.97	27.34	72.5	0.126	1441.2
100	84	84	33.97	27.34	72.5	0.133	1441.3
110	84	84	33.97	27.34	72.5	0.140	1441.4
120	84	84	33.97	27.34	72.5	0.147	1441.5
130	84	84	33.97	27.34	72.5	0.154	1441.6
140	84	84	33.97	27.34	72.5	0.161	1441.7
150	84	84	33.97	27.34	72.5	0.168	1441.8
160	84	84	33.97	27.34	72.5	0.175	1441.9
170	84	84	33.97	27.34	72.5	0.182	1442.0
180	84	84	33.97	27.34	72.5	0.189	1442.1
190	84	84	33.97	27.34	72.5	0.196	1442.2
200	84	84	33.97	27.34	72.5	0.203	1442.3
210	84	84	33.97	27.34	72.5	0.210	1442.4
220	84	84	33.97	27.34	72.5	0.217	1442.5
230	84	84	33.97	27.34	72.5	0.224	1442.6
240	84	84	33.97	27.34	72.5	0.231	1442.7
250	84	84	33.97	27.34	72.5	0.238	1442.8
260	84	84	33.97	27.34	72.5	0.245	1442.9
270	84	84	33.97	27.34	72.5	0.252	1443.0
280	84	84	33.97	27.34	72.5	0.259	1443.1
290	84	84	33.97	27.34	72.5	0.266	1443.2
300	84	84	33.97	27.34	72.5	0.273	1443.3
310	84	84	33.97	27.34	72.5	0.280	1443.4
320	84	84	33.97	27.34	72.5	0.287	1443.5
330	84	84	33.97	27.34	72.5	0.294	1443.6
340	84	84	33.97	27.34	72.5	0.301	1443.7
350	84	84					



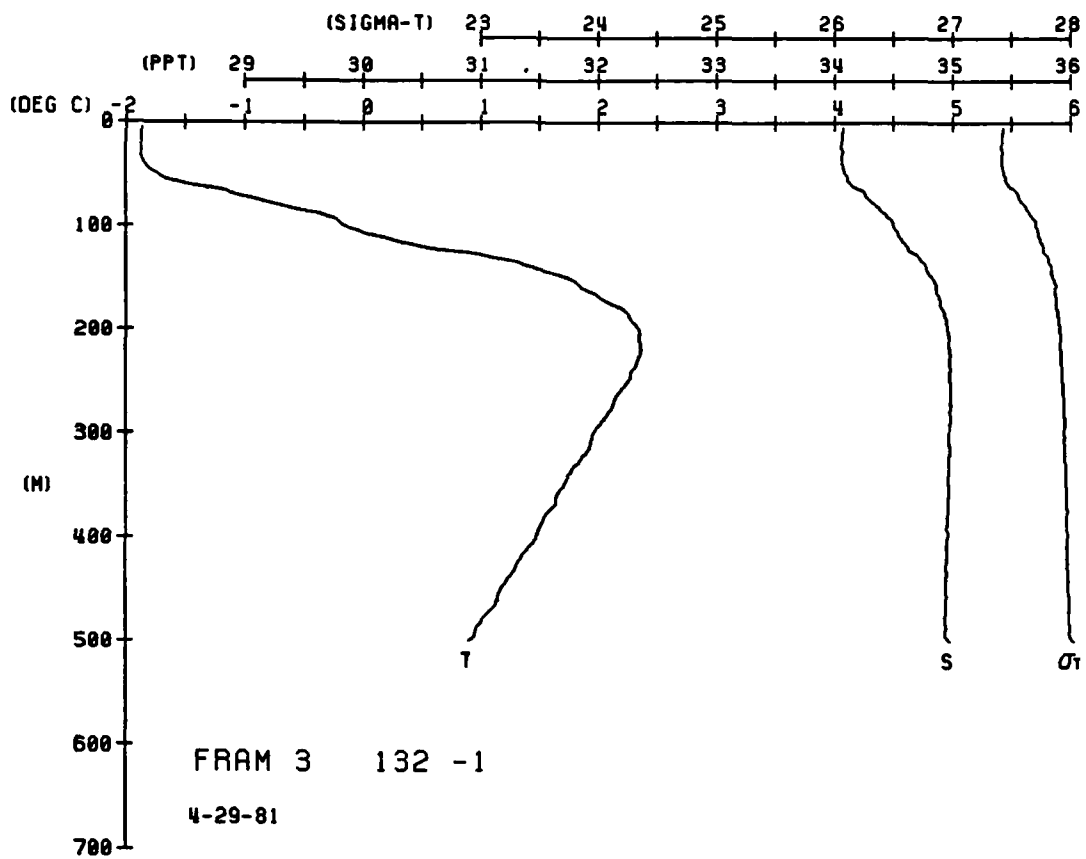
FRAM 3 STATION 131(1) CTD 29/APR/1981 1452 GMT CUDR = 5
LAT = 81.8967N LONG = 5.4565E DTER = 30. LGKR = 30.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHI	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHI	SOUND
0	1.72	1.72	33.95	22.32	14.0	0.000	1439.8	0	-0.18	-0.21	34.88	28.02	7.3	0.157	1460.1
5	1.74	1.74	33.95	22.32	7.5	0.003	1439.9	5	-0.34	-0.37	34.88	28.03	6.7	0.159	1459.9
10	1.85	1.85	33.95	22.32	60.9	0.007	1439.7	10	-0.63	-0.66	34.89	28.05	6.8	0.162	1459.4
15	1.85	1.85	33.95	22.32	59.7	0.010	1439.4	15	-0.81	-0.84	34.90	28.06	2.3	0.163	1459.3
20	1.85	1.85	33.95	22.32	59.7	0.013	1439.4	20							
25	1.85	1.85	33.95	22.32	59.7	0.016	1439.4	25							
30	1.85	1.85	33.95	22.32	59.7	0.019	1440.0	30							
35	1.85	1.85	33.95	22.32	59.7	0.022	1440.2	35							
40	1.85	1.85	33.95	22.32	59.7	0.025	1440.3	40							
45	1.85	1.85	33.95	22.32	59.7	0.028	1440.4	45							
50	1.85	1.85	33.95	22.32	59.7	0.031	1440.7	50							
55	1.85	1.85	33.95	22.32	59.7	0.034	1441.7	55							
60	1.85	1.85	33.95	22.32	59.7	0.037	1442.8	60							
65	1.85	1.85	33.95	22.32	59.7	0.040	1444.8	65							
70	1.85	1.85	33.95	22.32	59.7	0.043	1446.8	70							
75	1.85	1.85	33.95	22.32	59.7	0.046	1448.8	75							
80	1.85	1.85	33.95	22.32	59.7	0.049	1450.8	80							
85	1.85	1.85	33.95	22.32	59.7	0.052	1452.8	85							
90	1.85	1.85	33.95	22.32	59.7	0.055	1454.8	90							
95	1.85	1.85	33.95	22.32	59.7	0.058	1456.8	95							
100	1.85	1.85	33.95	22.32	59.7	0.061	1458.8	100							
105	1.85	1.85	33.95	22.32	59.7	0.064	1460.8	105							
110	1.85	1.85	33.95	22.32	59.7	0.067	1461.8	110							
115	1.85	1.85	33.95	22.32	59.7	0.070	1462.8	115							
120	1.85	1.85	33.95	22.32	59.7	0.073	1463.8	120							
125	1.85	1.85	33.95	22.32	59.7	0.076	1464.8	125							
130	1.85	1.85	33.95	22.32	59.7	0.079	1465.8	130							
135	1.85	1.85	33.95	22.32	59.7	0.082	1466.8	135							
140	1.85	1.85	33.95	22.32	59.7	0.085	1467.8	140							
145	1.85	1.85	33.95	22.32	59.7	0.088	1468.8	145							
150	1.85	1.85	33.95	22.32	59.7	0.091	1469.8	150							
155	1.85	1.85	33.95	22.32	59.7	0.094	1470.8	155							
160	1.85	1.85	33.95	22.32	59.7	0.097	1471.8	160							
165	1.85	1.85	33.95	22.32	59.7	0.100	1472.8	165							
170	1.85	1.85	33.95	22.32	59.7	0.103	1473.8	170							
175	1.85	1.85	33.95	22.32	59.7	0.106	1474.8	175							
180	1.85	1.85	33.95	22.32	59.7	0.109	1475.8	180							
185	1.85	1.85	33.95	22.32	59.7	0.112	1476.8	185							
190	1.85	1.85	33.95	22.32	59.7	0.115	1477.8	190							
195	1.85	1.85	33.95	22.32	59.7	0.118	1478.8	195							
200	1.85	1.85	33.95	22.32	59.7	0.121	1479.8	200							
205	1.85	1.85	33.95	22.32	59.7	0.124	1480.8	205							
210	1.85	1.85	33.95	22.32	59.7	0.127	1481.8	210							
215	1.85	1.85	33.95	22.32	59.7	0.130	1482.8	215							
220	1.85	1.85	33.95	22.32	59.7	0.133	1483.8	220							
225	1.85	1.85	33.95	22.32	59.7	0.136	1484.8	225							
230	1.85	1.85	33.95	22.32	59.7	0.139	1485.8	230							
235	1.85	1.85	33.95	22.32	59.7	0.142	1486.8	235							
240	1.85	1.85	33.95	22.32	59.7	0.145	1487.8	240							
245	1.85	1.85	33.95	22.32	59.7	0.148	1488.8	245							
250	1.85	1.85	33.95	22.32	59.7	0.151	1489.8	250							
255	1.85	1.85	33.95	22.32	59.7	0.154	1490.8	255							
260	1.85	1.85	33.95	22.32	59.7	0.157	1491.8	260							
265	1.85	1.85	33.95	22.32	59.7	0.160	1492.8	265							
270	1.85	1.85	33.95	22.32	59.7	0.163	1493.8	270							
275	1.85	1.85	33.95	22.32	59.7	0.166	1494.8	275							
280	1.85	1.85	33.95	22.32	59.7	0.169	1495.8	280							
285	1.85	1.85	33.95	22.32	59.7	0.172	1496.8	285							
290	1.85	1.85	33.95	22.32	59.7	0.175	1497.8	290							
295	1.85	1.85	33.95	22.32	59.7	0.178	1498.8	295							
300	1.85	1.85	33.95	22.32	59.7	0.181	1499.8	300							
305	1.85	1.85	33.95	22.32	59.7	0.184	1500.8	305							
310	1.85	1.85	33.95	22.32	59.7	0.187	1501.8	310							
315	1.85	1.85	33.95	22.32	59.7	0.190	1502.8	315							
320	1.85	1.85	33.95	22.32	59.7	0.193	1503.8	320							
325	1.85	1.85	33.95	22.32	59.7	0.196	1504.8	325							
330	1.85	1.85	33.95	22.32	59.7	0.199	1505.8	330							
335	1.85	1.85	33.95	22.32	59.7	0.202	1506.8	335							
340	1.85	1.85	33.95	22.32	59.7	0.205	1507.8	340							
345	1.85	1.85	33.95	22.32	59.7	0.208	1508.8	345							
350	1.85	1.85	33.95	22.32	59.7	0.211	1509.8	350							
355	1.85	1.85	33.95	22.32	59.7	0.214	1510.8	355							
360	1.85	1.85	33.95	22.32	59.7	0.217	1511.8	360							
365	1.85	1.85	33.95	22.32	59.7	0.220	1512.8	365							
370	1.85	1.85	33.95	22.32	59.7	0.223	1513.8	370							
375	1.85	1.85	33.95	22.32	59.7	0.226	1514.8	375							
380	1.85	1.85	33.95	22.32	59.7	0.229	1515.8	380							
385	1.85	1.85	33.95	22.32	59.7	0.232	1516.8	385							
390	1.85	1.85	33.95	22.32	59.7	0.235	1517.8	390							
395	1.85	1.85	33.95	22.32	59.7	0.238	1518.8	395							
400	1.85	1.85	33.95	22.32	59.7	0.241	1519.8	400							
405	1.85	1.85	33.95	22.32	59.7	0.244	1520.8	405							
410	1.85	1.85	33.95	22.32	59.7	0.247	1521.8	410							
415	1.85	1.85	33.95	22.32	59.7	0.250	1522.8	415							
420	1.85	1.85	33.95	22.32	59.7	0.253	1523.8	420							
425	1.85	1.85	33.95	22.32	59.7	0.256	1524.8	425							
430	1.85	1.85	33.95	22.32	59.7	0.259	1525.8	430							
435	1.85	1.85	33.95	22.32	59.7	0.262	1526.8	435							
440	1.85	1.85	33.95	22.32	59.7	0.265	1527.8	440							
445	1.85	1.85	33.95	22.32	59.7	0.268	1528.8	445							
450	1.85	1.85	33.95	22.32	59.7	0.271	1529.8	450							
455	1.85	1.85	33.95	22.32	59.7	0.274	1530.8	455							
460	1.85	1.85	33.95	22.32	59.7	0.277	1531.8	460							
465	1.85	1.85	33.95	22.32	59.7	0.280	1532.8	465							
470	1.85	1.85	33.95	22.32	59.7	0.283	1533.8	470							
475	1.85	1.85	33.95	22.32	59.7	0.286	1534.8	475							
480	1.85	1.85	33.95	22.32	59.7	0.289	1535.8	480							
485	1.85	1.85	33.95	22.32	59.7	0.292	1536.8	485							
490	1.85	1.85	33.95	22.32	59.7	0.295	1537.8	490							
495	1.85	1.85	33.95	22.32	59.7	0.298	1538.8	495							
500	1.85	1.85	33.95	22.32	59.7	0.301	1539.8	500							
505	1.85	1.85	33.95	22.32	59.7	0.304	1540.8	505							
510	1.85	1.85	33.95	22.32	59.7	0.307	1541.8	510							
515	1.85	1.85	33.95	22.32	59.7</										



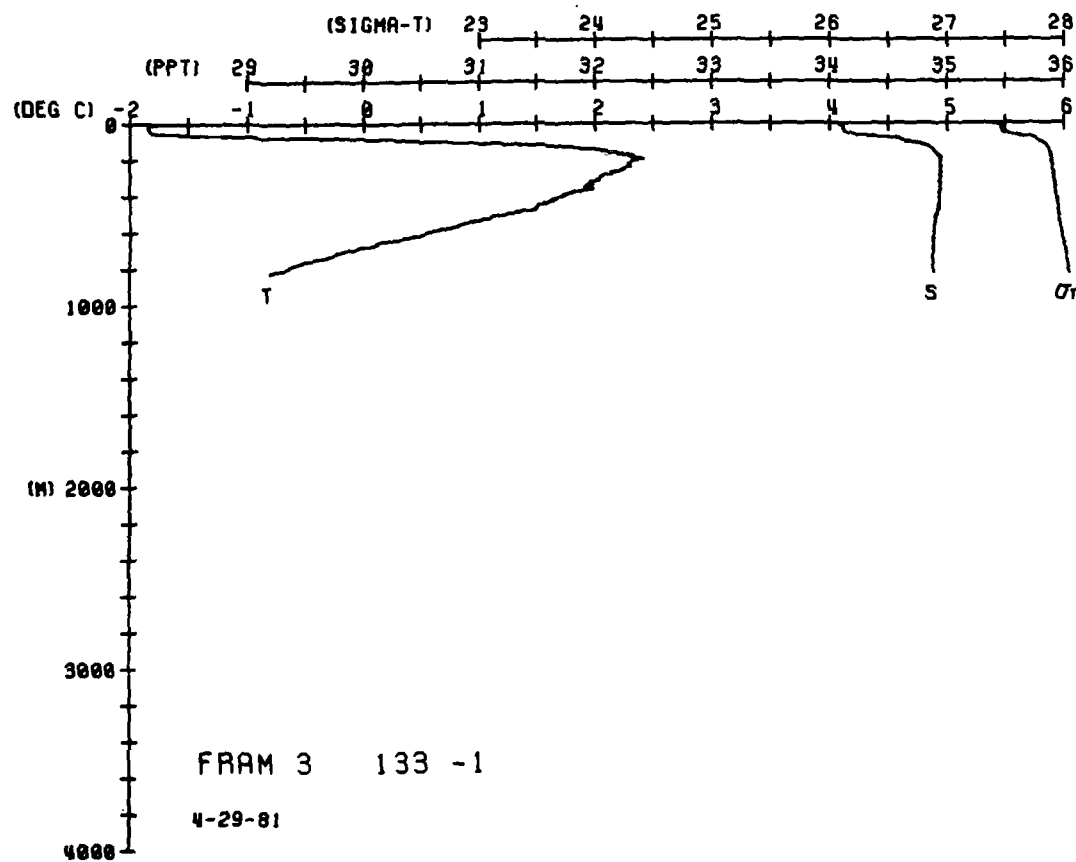
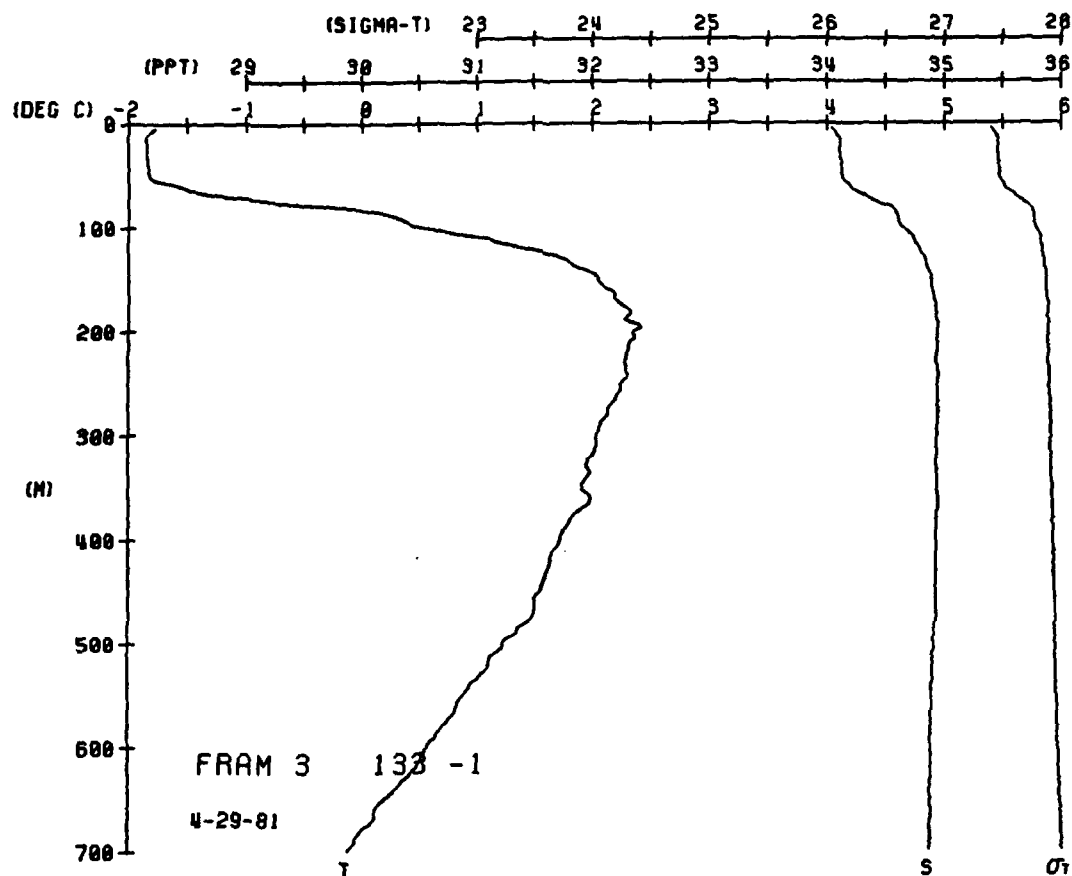
PHAM 3 STATION 132(1) CTD 29/APR/1981 1524 GMT CODE = 5
 LAT = 81.9617N LON = 0.8833E LTER = 300. LGER = 300.
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	WYMH1	SOUND
0	87	1.87	34.07	27.43	64.0	0.000	1439.3
5	87	1.87	34.07	27.43	64.0	0.003	1439.4
10	87	1.87	34.07	27.43	64.0	0.006	1439.5
15	87	1.87	34.07	27.42	64.6	0.010	1439.6
20	87	1.87	34.07	27.43	64.6	0.016	1439.7
25	87	1.87	34.07	27.43	63.9	0.020	1439.8
30	86	1.86	34.07	27.43	63.9	0.023	1439.9
35	86	1.86	34.08	27.43	63.9	0.026	1440.1
40	84	1.84	34.09	27.43	62.9	0.029	1440.9
45	84	1.84	34.11	27.45	61.4	0.032	1440.9
50	83	1.83	34.12	27.45	60.8	0.035	1441.3
55	83	1.83	34.15	27.46	58.2	0.038	1442.3
60	83	1.83	34.16	27.47	57.5	0.041	1443.8
65	83	1.83	34.16	27.47	57.5	0.044	1443.8
70	83	1.83	34.24	27.54	50.5	0.046	1444.6
75	83	1.83	34.32	27.59	48.3	0.049	1445.5
80	83	1.83	34.37	27.63	44.5	0.051	1447.6
85	83	1.83	34.41	27.66	42.5	0.053	1448.3
90	83	1.83	34.50	27.72	39.9	0.055	1449.3
95	83	1.83	34.52	27.75	36.3	0.057	1449.7
100	83	1.83	34.53	27.77	33.3	0.060	1451.2
110	83	1.83	34.53	27.78	31.0	0.064	1453.1
120	83	1.83	34.73	27.82	27.2	0.069	1459.1
130	83	1.83	34.79	27.87	25.4	0.072	1459.5
140	83	1.83	34.84	27.88	22.3	0.074	1460.2
150	83	1.83	34.87	27.89	21.5	0.076	1461.1
160	83	1.83	34.90	27.90	20.7	0.078	1462.1
170	83	1.83	34.93	27.91	19.5	0.082	1463.1
180	83	1.83	34.95	27.92	18.2	0.084	1463.3
190	83	1.83	34.97	27.93	17.7	0.086	1463.5
200	83	1.83	34.99	27.93	17.7	0.088	1463.5
210	83	1.83	34.99	27.94	17.1	0.089	1463.5
220	83	1.83	34.99	27.95	16.6	0.091	1463.5
230	83	1.83	34.99	27.95	16.1	0.093	1463.5
240	83	1.83	34.99	27.95	15.6	0.094	1463.5
250	83	1.83	34.99	27.95	15.5	0.096	1463.5
260	83	1.83	34.99	27.96	15.6	0.098	1463.5
270	83	1.83	34.99	27.96	15.2	0.099	1463.5
280	83	1.83	34.99	27.96	15.2	0.101	1463.5
290	83	1.83	34.99	27.97	14.6	0.102	1463.5
300	83	1.83	34.99	27.97	14.4	0.104	1462.7
310	83	1.83	34.99	27.97	14.4	0.105	1462.7
320	83	1.83	34.99	27.97	14.4	0.107	1462.7
330	83	1.83	34.99	27.98	13.3	0.108	1462.7
340	83	1.83	34.99	27.98	13.3	0.109	1462.7
350	83	1.83	34.99	27.98	13.3	0.111	1462.5
360	83	1.83	34.99	27.98	13.3	0.112	1462.5
370	83	1.83	34.99	27.98	12.6	0.113	1462.5
380	83	1.83	34.99	27.99	12.6	0.115	1462.3
390	83	1.83	34.99	27.99	12.2	0.117	1462.3
400	83	1.83	34.99	27.99	12.2	0.118	1462.3
410	83	1.83	34.99	27.99	11.6	0.120	1462.1
420	83	1.83	34.99	27.99	11.6	0.121	1462.1
430	83	1.83	34.99	27.99	11.2	0.123	1461.7
440	83	1.83	34.99	27.99	11.2	0.123	1461.7
450	83	1.83	34.99	27.99	11.2	0.124	1461.7
460	83	1.83	34.99	27.99	11.2	0.125	1461.7
470	83	1.83	34.99	27.99	11.2	0.125	1461.7
480	83	1.83	34.99	27.99	11.2	0.125	1461.7
490	83	1.83	34.99	27.99	11.2	0.125	1461.7
500	83	1.83	34.99	27.99	11.2	0.125	1461.7



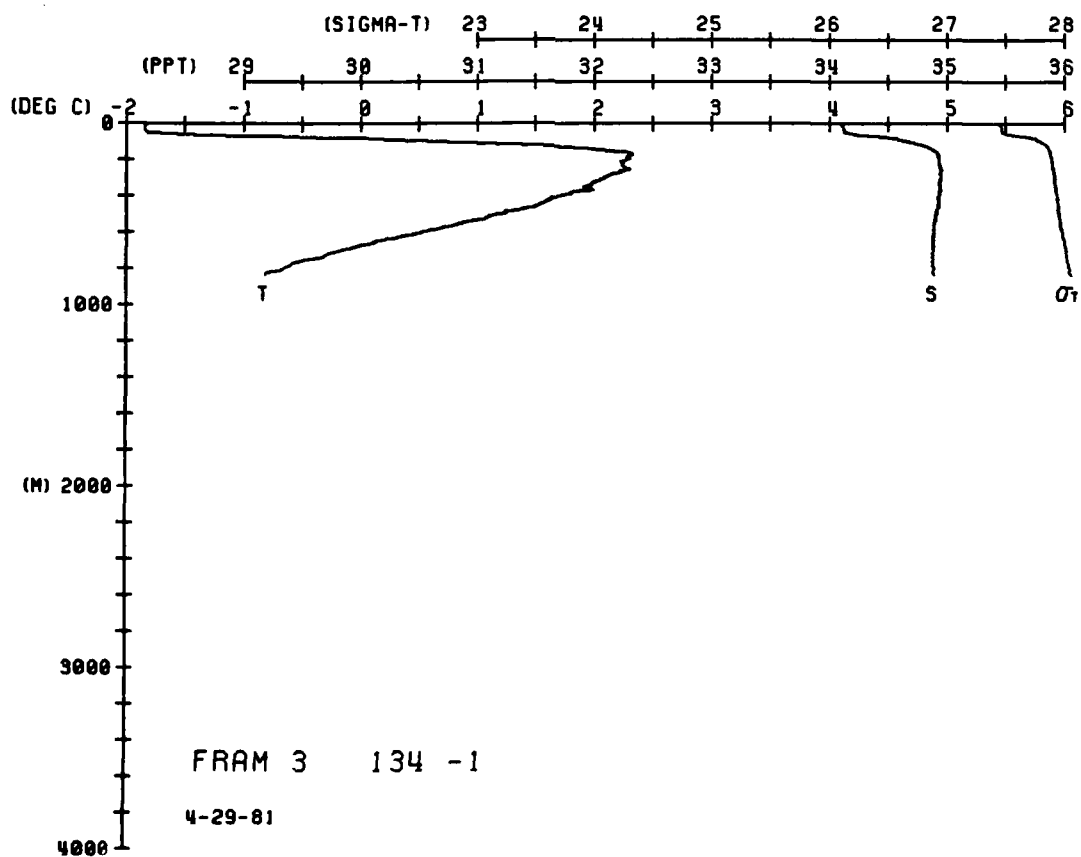
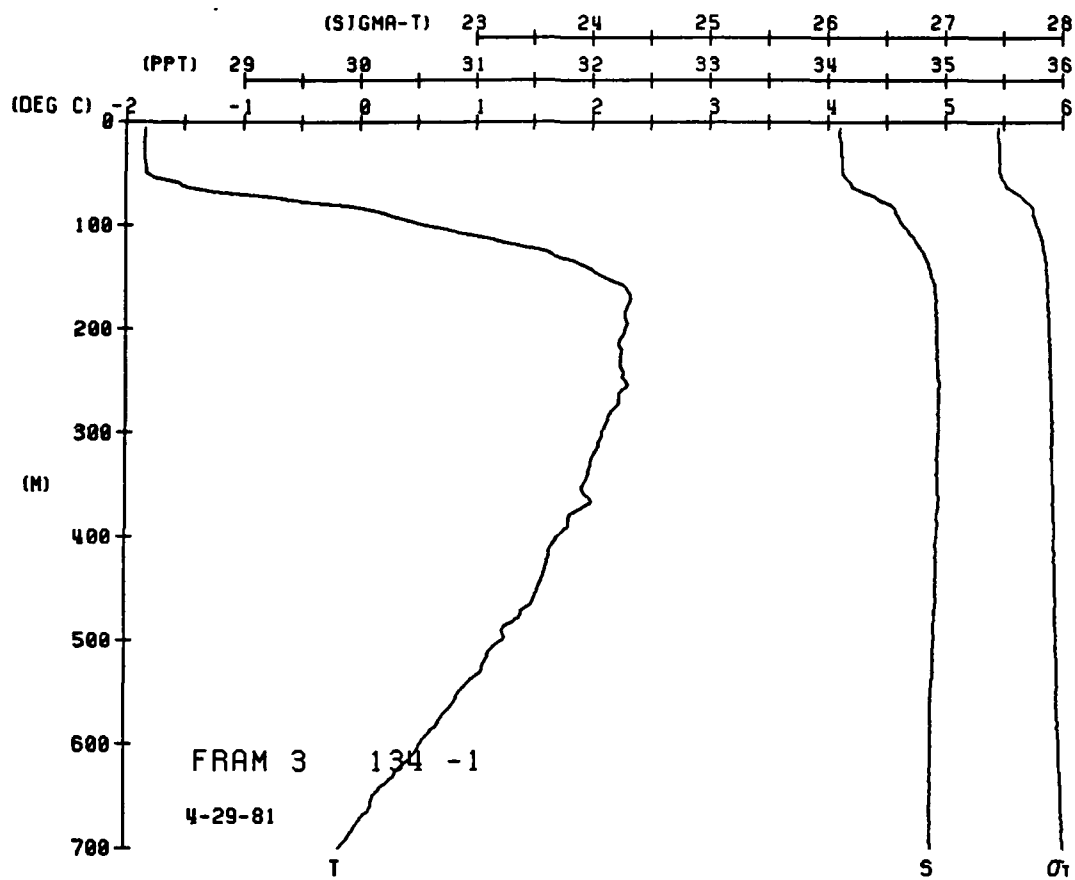
FRAM 3 STATION 133(1) CTD 29/APR/1981 1527 GMT CUUF = 5
 LAT = 81.8953N LNC = 5.4533E LTER = 30. UGER = 30.0
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	1.76	76	34.03	27.39	68.0	0.003	1439.7
0.4	1.74	76	34.04	27.40	68.7	0.003	1439.7
1.0	1.73	76	34.04	27.41	69.2	0.003	1439.7
1.5	1.72	76	34.04	27.42	69.7	0.003	1439.7
2.0	1.71	76	34.04	27.43	70.2	0.003	1439.7
2.5	1.70	76	34.04	27.44	70.7	0.003	1439.7
3.0	1.69	76	34.04	27.45	71.2	0.003	1439.7
3.5	1.68	76	34.04	27.46	71.7	0.003	1439.7
4.0	1.67	76	34.04	27.47	72.2	0.003	1439.7
4.5	1.66	76	34.04	27.48	72.7	0.003	1439.7
5.0	1.65	76	34.04	27.49	73.2	0.003	1439.7
5.5	1.64	76	34.04	27.50	73.7	0.003	1439.7
6.0	1.63	76	34.04	27.51	74.2	0.003	1439.7
6.5	1.62	76	34.04	27.52	74.7	0.003	1439.7
7.0	1.61	76	34.04	27.53	75.2	0.003	1439.7
7.5	1.60	76	34.04	27.54	75.7	0.003	1439.7
8.0	1.59	76	34.04	27.55	76.2	0.003	1439.7
8.5	1.58	76	34.04	27.56	76.7	0.003	1439.7
9.0	1.57	76	34.04	27.57	77.2	0.003	1439.7
9.5	1.56	76	34.04	27.58	77.7	0.003	1439.7
10.0	1.55	76	34.04	27.59	78.2	0.003	1439.7
10.5	1.54	76	34.04	27.60	78.7	0.003	1439.7
11.0	1.53	76	34.04	27.61	79.2	0.003	1439.7
11.5	1.52	76	34.04	27.62	79.7	0.003	1439.7
12.0	1.51	76	34.04	27.63	80.2	0.003	1439.7
12.5	1.50	76	34.04	27.64	80.7	0.003	1439.7
13.0	1.49	76	34.04	27.65	81.2	0.003	1439.7
13.5	1.48	76	34.04	27.66	81.7	0.003	1439.7
14.0	1.47	76	34.04	27.67	82.2	0.003	1439.7
14.5	1.46	76	34.04	27.68	82.7	0.003	1439.7
15.0	1.45	76	34.04	27.69	83.2	0.003	1439.7
15.5	1.44	76	34.04	27.70	83.7	0.003	1439.7
16.0	1.43	76	34.04	27.71	84.2	0.003	1439.7
16.5	1.42	76	34.04	27.72	84.7	0.003	1439.7
17.0	1.41	76	34.04	27.73	85.2	0.003	1439.7
17.5	1.40	76	34.04	27.74	85.7	0.003	1439.7
18.0	1.39	76	34.04	27.75	86.2	0.003	1439.7
18.5	1.38	76	34.04	27.76	86.7	0.003	1439.7
19.0	1.37	76	34.04	27.77	87.2	0.003	1439.7
19.5	1.36	76	34.04	27.78	87.7	0.003	1439.7
20.0	1.35	76	34.04	27.79	88.2	0.003	1439.7
20.5	1.34	76	34.04	27.80	88.7	0.003	1439.7
21.0	1.33	76	34.04	27.81	89.2	0.003	1439.7
21.5	1.32	76	34.04	27.82	89.7	0.003	1439.7
22.0	1.31	76	34.04	27.83	90.2	0.003	1439.7
22.5	1.30	76	34.04	27.84	90.7	0.003	1439.7
23.0	1.29	76	34.04	27.85	91.2	0.003	1439.7
23.5	1.28	76	34.04	27.86	91.7	0.003	1439.7
24.0	1.27	76	34.04	27.87	92.2	0.003	1439.7
24.5	1.26	76	34.04	27.88	92.7	0.003	1439.7
25.0	1.25	76	34.04	27.89	93.2	0.003	1439.7
25.5	1.24	76	34.04	27.90	93.7	0.003	1439.7
26.0	1.23	76	34.04	27.91	94.2	0.003	1439.7
26.5	1.22	76	34.04	27.92	94.7	0.003	1439.7
27.0	1.21	76	34.04	27.93	95.2	0.003	1439.7
27.5	1.20	76	34.04	27.94	95.7	0.003	1439.7
28.0	1.19	76	34.04	27.95	96.2	0.003	1439.7
28.5	1.18	76	34.04	27.96	96.7	0.003	1439.7
29.0	1.17	76	34.04	27.97	97.2	0.003	1439.7
29.5	1.16	76	34.04	27.98	97.7	0.003	1439.7
30.0	1.15	76	34.04	27.99	98.2	0.003	1439.7
30.5	1.14	76	34.04	28.00	98.7	0.003	1439.7
31.0	1.13	76	34.04	28.01	99.2	0.003	1439.7
31.5	1.12	76	34.04	28.02	99.7	0.003	1439.7
32.0	1.11	76	34.04	28.03	100.2	0.003	1439.7
32.5	1.10	76	34.04	28.04	100.7	0.003	1439.7
33.0	1.09	76	34.04	28.05	101.2	0.003	1439.7
33.5	1.08	76	34.04	28.06	101.7	0.003	1439.7
34.0	1.07	76	34.04	28.07	102.2	0.003	1439.7
34.5	1.06	76	34.04	28.08	102.7	0.003	1439.7
35.0	1.05	76	34.04	28.09	103.2	0.003	1439.7
35.5	1.04	76	34.04	28.10	103.7	0.003	1439.7
36.0	1.03	76	34.04	28.11	104.2	0.003	1439.7
36.5	1.02	76	34.04	28.12	104.7	0.003	1439.7
37.0	1.01	76	34.04	28.13	105.2	0.003	1439.7
37.5	1.00	76	34.04	28.14	105.7	0.003	1439.7
38.0	0.99	76	34.04	28.15	106.2	0.003	1439.7
38.5	0.98	76	34.04	28.16	106.7	0.003	1439.7
39.0	0.97	76	34.04	28.17	107.2	0.003	1439.7
39.5	0.96	76	34.04	28.18	107.7	0.003	1439.7
40.0	0.95	76	34.04	28.19	108.2	0.003	1439.7
40.5	0.94	76	34.04	28.20	108.7	0.003	1439.7
41.0	0.93	76	34.04	28.21	109.2	0.003	1439.7
41.5	0.92	76	34.04	28.22	109.7	0.003	1439.7
42.0	0.91	76	34.04	28.23	110.2	0.003	1439.7
42.5	0.90	76	34.04	28.24	110.7	0.003	1439.7
43.0	0.89	76	34.04	28.25	111.2	0.003	1439.7
43.5	0.88	76	34.04	28.26	111.7	0.003	1439.7
44.0	0.87	76	34.04	28.27	112.2	0.003	1439.7
44.5	0.86	76	34.04	28.28	112.7	0.003	1439.7
45.0	0.85	76	34.04	28.29	113.2	0.003	1439.7
45.5	0.84	76	34.04	28.30	113.7	0.003	1439.7
46.0	0.83	76	34.04	28.31	114.2	0.003	1439.7
46.5	0.82	76	34.04	28.32	114.7	0.003	1439.7
47.0	0.81	76	34.04	28.33	115.2	0.003	1439.7
47.5	0.80	76	34.04	28.34	115.7	0.003	1439.7
48.0	0.79	76	34.04	28.35	116.2	0.003	1439.7
48.5	0.78	76	34.04	28.36	116.7	0.003	1439.7
49.0	0.77	76	34.04	28.37	117.2	0.003	1439.7
49.5	0.76	76	34.04	28.38	117.7	0.003	1439.7
50.0	0.75	76	34.04	28.39	118.2	0.003	1439.7
50.5	0.74	76	34.04	28.40	118.7	0.003	1439.7
51.0	0.73	76	34.04	28.41	119.2	0.003	1439.7
51.5	0.72	76	34.04	28.42	119.7	0.003	1439.7
52.0	0.71	76	34.04	28.43	120.2	0.003	1439.7
52.5	0.70	76	34.04	28.44	120.7	0.003	1439.7
53.0	0.69	76	34.04	28.45	121.2	0.003	1439.7
53.5	0.68	76	34.04	28.46	121.7	0.003	1439.7
54.0	0.67	76	34.04	28.47	122.2	0.003	1439.7
54.5	0.66	76	34.04	28.48	122.7	0.003	1439.7
55.0	0.65	76	34.04	28.49	123.2	0.003	1439.7
55.5	0.64	76	34.04	28.50	123.7	0.003	1439.7
56.0	0.63	76	34.04	28.51	124.2	0.003	1439.7
56.5	0.62	76	34.04	28.52	124.7	0.003	1439.7
57.0	0.61	76	34.04	28.53	125.2	0.003	1439.7
57.5	0.60	76	34.04	28.54	125.7	0.003	1439.7
58.0	0.59	76	34.04	28.55	126.2	0.003	1439.7
58.5	0.58	76	34.04	28.56	126.7	0.003	1439.7
59.0	0.57	76	34.04	28.57	127.2	0.003	1439.7
59.5	0.56	76	34.04	28.58	127.7	0.003	1439.7
60.0	0.55	76	34.04	28.59	128.2	0.003	1439.7
60.5	0.54	76	34.04	28.60	128.7	0.003	1439.7
61.0	0.53	76	34.04	28.61	129.2	0.003	1439.7
61.5	0.52	76	34.04	28.62	129.7	0.003	1439.7
62.0	0.51	76	34.04	28.63	130.2	0.003	1439.7
62.5	0.50	76	34.04	28.64	130.7	0.003	1439.7
63.0	0.49	76	34.04	28.65	131.2	0.003	1439.7
63.5	0.48	76	34.04	28.66	131.7	0.003	1439.7
64.0	0.47	76	34.04	28.67	132.2	0.003	1439.7
64.5	0.46	76	34.04	28.68	132.7	0.003	1439.7
65.0	0.45	76	34.04	28.69	133.2	0.003	1439.7
65.5	0.44	76	34.04	28.70	133.7	0.003	1439.7
66.0	0.43	76	34.04	28.71	134.2	0.003	1439.7
66.5	0.42	76	34.04	28.72	134.7	0.003	1439.7
67.0	0.41	76	34.04	28.73	135.2	0.003	1439.7
67.5	0.40	76	34.04	28.74	135.7	0.003	1439.7
68.0	0.39	76	34.04	28.75	136.2	0.003	1439.7
68.5	0.38	76	34.04	28.76	136.7	0.003	1439.7
69.0	0.37	76	34.04	28.77	137.2	0.003	1439.7
69.5	0.36	76	34.04	28.78	137.7	0.003	1439.7
70.0	0.35	76	34.04	28.79	138.2	0.003	1439.7
70.5	0.34	76	34.04	28.80	138.7	0.003	1439.7
71.0	0.33	76	34.04	28.81	139.2	0.003	1439.7
71.5	0.32	76	34.04	28.82	139.7	0.003	1439.7
72.0	0.31	76	34.04	28.83	140.2	0.003	1439.7
72.5	0.30	76	34.04	28.84	140.7	0.003	1439.7
73.0	0.29	76	34.04	28.85	141.2	0.003	1439.7
73.5	0.28	76	34.04	28.86	141.7	0.003	1439.7
74.0	0.27	76	34.04	28.87	142.2	0.003	1439.7
74.5	0.26	76	34.04	28.88	142.7	0.003	1439.7
75.0	0.25	76	34.04	28.89	143.2	0.003	1439.7



FROM 3 STATION 134(1) CTD 29/APR/1981 1611 GMT CUDE = 5
 LAT = 91.6942N LNG = 5.4505E LTER = 30.0
 AIR TEMP = 0.0 HAKUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	SIG T	SPVOL	DYNHT	SOUND
0000	1.84	1.84	34.10	22.45	0.000	0.000	1439.5	22.45	0.000	0.000	1439.5
0005	1.84	1.84	34.10	22.45	0.003	0.003	1439.6	22.45	0.003	0.003	1439.6
0010	1.84	1.84	34.10	22.45	0.006	0.006	1439.7	22.45	0.006	0.006	1439.7
0015	1.84	1.84	34.10	22.45	0.009	0.009	1439.8	22.45	0.009	0.009	1439.8
0020	1.84	1.84	34.10	22.45	0.012	0.012	1439.9	22.45	0.012	0.012	1439.9
0025	1.84	1.84	34.10	22.45	0.015	0.015	1440.0	22.45	0.015	0.015	1440.0
0030	1.84	1.84	34.10	22.45	0.018	0.018	1440.1	22.45	0.018	0.018	1440.1
0035	1.84	1.84	34.10	22.45	0.021	0.021	1440.2	22.45	0.021	0.021	1440.2
0040	1.84	1.84	34.10	22.45	0.024	0.024	1440.3	22.45	0.024	0.024	1440.3
0045	1.84	1.84	34.10	22.45	0.027	0.027	1440.4	22.45	0.027	0.027	1440.4
0050	1.84	1.84	34.10	22.45	0.030	0.030	1440.5	22.45	0.030	0.030	1440.5
0055	1.84	1.84	34.10	22.45	0.033	0.033	1440.6	22.45	0.033	0.033	1440.6
0100	1.84	1.84	34.10	22.45	0.036	0.036	1440.7	22.45	0.036	0.036	1440.7
0105	1.84	1.84	34.10	22.45	0.039	0.039	1440.8	22.45	0.039	0.039	1440.8
0110	1.84	1.84	34.10	22.45	0.042	0.042	1440.9	22.45	0.042	0.042	1440.9
0115	1.84	1.84	34.10	22.45	0.045	0.045	1441.0	22.45	0.045	0.045	1441.0
0120	1.84	1.84	34.10	22.45	0.048	0.048	1441.1	22.45	0.048	0.048	1441.1
0125	1.84	1.84	34.10	22.45	0.051	0.051	1441.2	22.45	0.051	0.051	1441.2
0130	1.84	1.84	34.10	22.45	0.054	0.054	1441.3	22.45	0.054	0.054	1441.3
0135	1.84	1.84	34.10	22.45	0.057	0.057	1441.4	22.45	0.057	0.057	1441.4
0140	1.84	1.84	34.10	22.45	0.060	0.060	1441.5	22.45	0.060	0.060	1441.5
0145	1.84	1.84	34.10	22.45	0.063	0.063	1441.6	22.45	0.063	0.063	1441.6
0150	1.84	1.84	34.10	22.45	0.066	0.066	1441.7	22.45	0.066	0.066	1441.7
0155	1.84	1.84	34.10	22.45	0.069	0.069	1441.8	22.45	0.069	0.069	1441.8
0200	1.84	1.84	34.10	22.45	0.072	0.072	1441.9	22.45	0.072	0.072	1441.9
0205	1.84	1.84	34.10	22.45	0.075	0.075	1442.0	22.45	0.075	0.075	1442.0
0210	1.84	1.84	34.10	22.45	0.078	0.078	1442.1	22.45	0.078	0.078	1442.1
0215	1.84	1.84	34.10	22.45	0.081	0.081	1442.2	22.45	0.081	0.081	1442.2
0220	1.84	1.84	34.10	22.45	0.084	0.084	1442.3	22.45	0.084	0.084	1442.3
0225	1.84	1.84	34.10	22.45	0.087	0.087	1442.4	22.45	0.087	0.087	1442.4
0230	1.84	1.84	34.10	22.45	0.090	0.090	1442.5	22.45	0.090	0.090	1442.5
0235	1.84	1.84	34.10	22.45	0.093	0.093	1442.6	22.45	0.093	0.093	1442.6
0240	1.84	1.84	34.10	22.45	0.096	0.096	1442.7	22.45	0.096	0.096	1442.7
0245	1.84	1.84	34.10	22.45	0.099	0.099	1442.8	22.45	0.099	0.099	1442.8
0250	1.84	1.84	34.10	22.45	0.102	0.102	1442.9	22.45	0.102	0.102	1442.9
0255	1.84	1.84	34.10	22.45	0.105	0.105	1443.0	22.45	0.105	0.105	1443.0
0300	1.84	1.84	34.10	22.45	0.108	0.108	1443.1	22.45	0.108	0.108	1443.1
0305	1.84	1.84	34.10	22.45	0.111	0.111	1443.2	22.45	0.111	0.111	1443.2
0310	1.84	1.84	34.10	22.45	0.114	0.114	1443.3	22.45	0.114	0.114	1443.3
0315	1.84	1.84	34.10	22.45	0.117	0.117	1443.4	22.45	0.117	0.117	1443.4
0320	1.84	1.84	34.10	22.45	0.120	0.120	1443.5	22.45	0.120	0.120	1443.5
0325	1.84	1.84	34.10	22.45	0.123	0.123	1443.6	22.45	0.123	0.123	1443.6
0330	1.84	1.84	34.10	22.45	0.126	0.126	1443.7	22.45	0.126	0.126	1443.7
0335	1.84	1.84	34.10	22.45	0.129	0.129	1443.8	22.45	0.129	0.129	1443.8
0340	1.84	1.84	34.10	22.45	0.132	0.132	1443.9	22.45	0.132	0.132	1443.9
0345	1.84	1.84	34.10	22.45	0.135	0.135	1444.0	22.45	0.135	0.135	1444.0
0350	1.84	1.84	34.10	22.45	0.138	0.138	1444.1	22.45	0.138	0.138	1444.1
0355	1.84	1.84	34.10	22.45	0.141	0.141	1444.2	22.45	0.141	0.141	1444.2
0400	1.84	1.84	34.10	22.45	0.144	0.144	1444.3	22.45	0.144	0.144	1444.3
0405	1.84	1.84	34.10	22.45	0.147	0.147	1444.4	22.45	0.147	0.147	1444.4
0410	1.84	1.84	34.10	22.45	0.150	0.150	1444.5	22.45	0.150	0.150	1444.5
0415	1.84	1.84	34.10	22.45	0.153	0.153	1444.6	22.45	0.153	0.153	1444.6
0420	1.84	1.84	34.10	22.45	0.156	0.156	1444.7	22.45	0.156	0.156	1444.7
0425	1.84	1.84	34.10	22.45	0.159	0.159	1444.8	22.45	0.159	0.159	1444.8
0430	1.84	1.84	34.10	22.45	0.162	0.162	1444.9	22.45	0.162	0.162	1444.9
0435	1.84	1.84	34.10	22.45	0.165	0.165	1445.0	22.45	0.165	0.165	1445.0
0440	1.84	1.84	34.10	22.45	0.168	0.168	1445.1	22.45	0.168	0.168	1445.1
0445	1.84	1.84	34.10	22.45	0.171	0.171	1445.2	22.45	0.171	0.171	1445.2
0450	1.84	1.84	34.10	22.45	0.174	0.174	1445.3	22.45	0.174	0.174	1445.3
0455	1.84	1.84	34.10	22.45	0.177	0.177	1445.4	22.45	0.177	0.177	1445.4
0500	1.84	1.84	34.10	22.45	0.180	0.180	1445.5	22.45	0.180	0.180	1445.5
0505	1.84	1.84	34.10	22.45	0.183	0.183	1445.6	22.45	0.183	0.183	1445.6
0510	1.84	1.84	34.10	22.45	0.186	0.186	1445.7	22.45	0.186	0.186	1445.7
0515	1.84	1.84	34.10	22.45	0.189	0.189	1445.8	22.45	0.189	0.189	1445.8
0520	1.84	1.84	34.10	22.45	0.192	0.192	1445.9	22.45	0.192	0.192	1445.9
0525	1.84	1.84	34.10	22.45	0.195	0.195	1446.0	22.45	0.195	0.195	1446.0
0530	1.84	1.84	34.10	22.45	0.198	0.198	1446.1	22.45	0.198	0.198	1446.1
0535	1.84	1.84	34.10	22.45	0.201	0.201	1446.2	22.45	0.201	0.201	1446.2
0540	1.84	1.84	34.10	22.45	0.204	0.204	1446.3	22.45	0.204	0.204	1446.3
0545	1.84	1.84	34.10	22.45	0.207	0.207	1446.4	22.45	0.207	0.207	1446.4
0550	1.84	1.84	34.10	22.45	0.210	0.210	1446.5	22.45	0.210	0.210	1446.5
0555	1.84	1.84	34.10	22.45	0.213	0.213	1446.6	22.45	0.213	0.213	1446.6
0600	1.84	1.84	34.10	22.45	0.216	0.216	1446.7	22.45	0.216	0.216	1446.7
0605	1.84	1.84	34.10	22.45	0.219	0.219	1446.8	22.45	0.219	0.219	1446.8
0610	1.84	1.84	34.10	22.45	0.222	0.222	1446.9	22.45	0.222	0.222	1446.9
0615	1.84	1.84	34.10	22.45	0.225	0.225	1447.0	22.45	0.225	0.225	1447.0
0620	1.84	1.84	34.10	22.45	0.228	0.228	1447.1	22.45	0.228	0.228	1447.1
0625	1.84	1.84	34.10	22.45	0.231	0.231	1447.2	22.45	0.231	0.231	1447.2
0630	1.84	1.84	34.10	22.45	0.234	0.234	1447.3	22.45	0.234	0.234	1447.3
0635	1.84	1.84	34.10	22.45	0.237	0.237	1447.4	22.45	0.237	0.237	1447.4
0640	1.84	1.84	34.10	22.45	0.240	0.240	1447.5	22.45	0.240	0.240	1447.5
0645	1.84	1.84	34.10	22.45	0.243	0.243	1447.6	22.45	0.243	0.243	1447.6
0650	1.84	1.84	34.10	22.45	0.246	0.246	1447.7	22.45	0.246	0.246	1447.7
0655	1.84	1.84	34.10	22.45	0.249	0.249	1447.8	22.45	0.249	0.249	1447.8
0700	1.84	1.84	34.10	22.45	0.252	0.252	1447.9	22.45	0.252	0.252	1447.9
0705	1.84	1.84	34.10	22.45	0.255	0.255	1448.0	22.45	0.255	0.255	1448.0
0710	1.84	1.84	34.10	22.45	0.258	0.258	1448.1	22.45	0.258	0.258	1448.1
0715	1.84	1.84	34.10	22.45	0.261	0.261	1448.2	22.45	0.261	0.261	1448.2
0720	1.84	1.84	34.10	22.45	0.264	0.264	1448.3	22.45	0.264	0.264	1448.3
0725	1.84	1.84	34.10	22.45	0.267	0.267	1448.4	22.45	0.267	0.267	1448.4
0730	1.84	1.84	34.10	22.45	0.270	0.270	1448.5	22.45	0.270	0.270	1448.5
0735	1.84	1.84	34.10	22.45	0.273	0.273	1448.6	22.45	0.273	0.273	1448.6
0740	1.84	1.84	34.10	22.45	0.276	0.276	1448.7	22.45	0.276	0.276	1448.7
0745	1.84	1.84	34.10	22.45	0.279	0.279	1448.8	22.45	0.279	0.279	1448.8
0750	1.84	1.84	34.10	22.45	0.282	0.282	1448.9	22.45	0.282	0.282	1448.9
0755	1.84	1.84	34.10	22.45	0.285	0.285	1449.0	22.45	0.285	0.285	1449.0
0800	1.84	1.84	34.10	22.45	0.288	0.288	1449.1	22.45	0.288	0.288	1449.1
0805	1.84	1.84	34.10	22.45	0.291	0.291	1449.2	22.45	0.291		

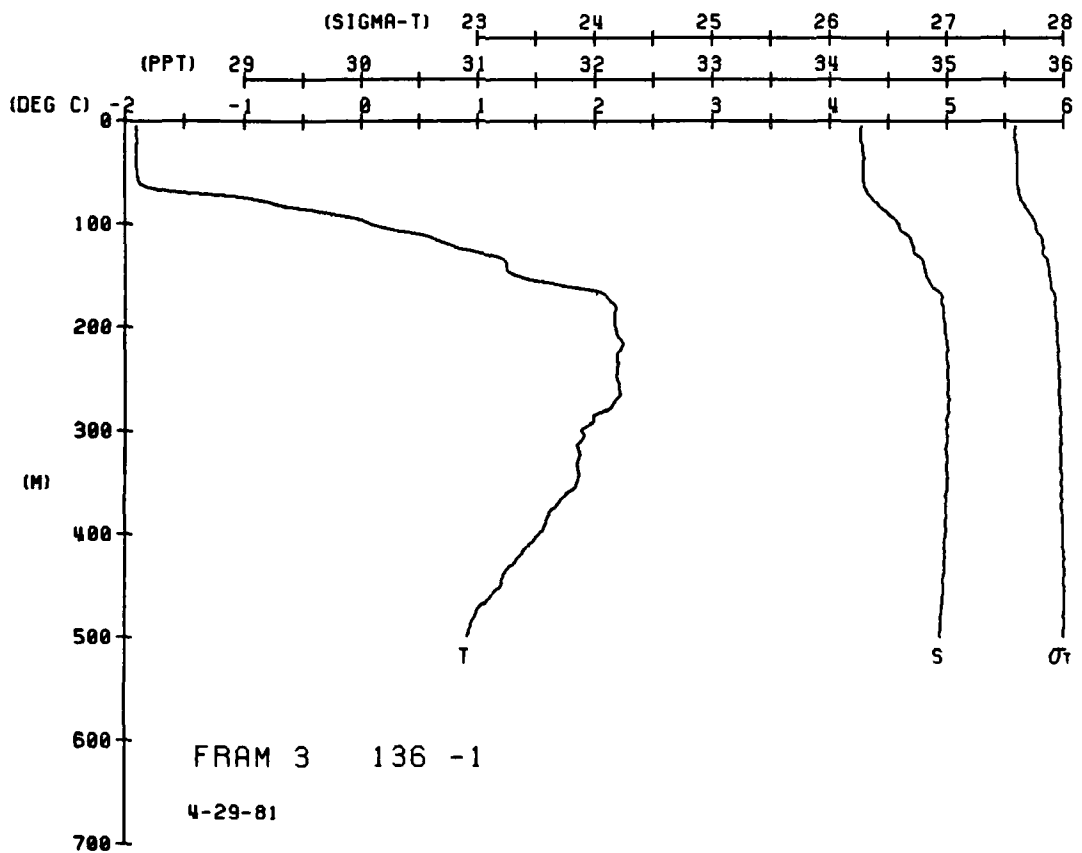
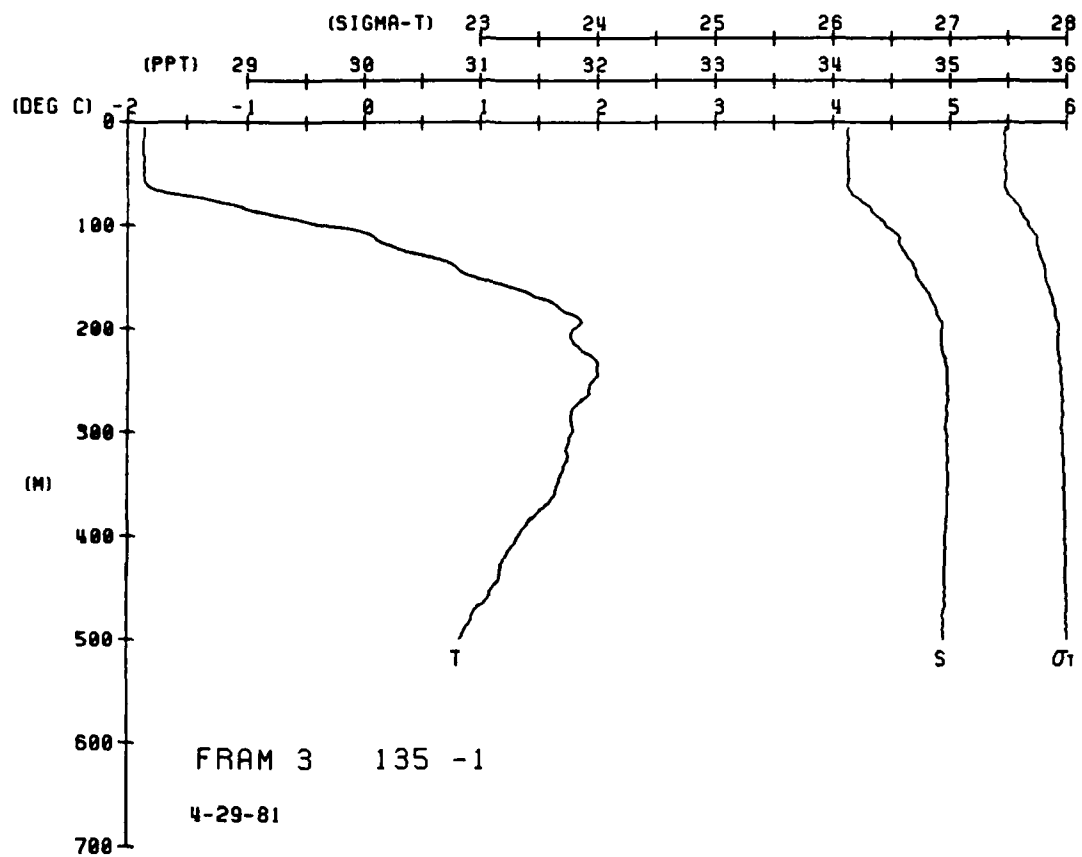


FRAM 3 STATION 135(1) CTD 29/APH/1981 1623 GMT CODE = 5
LAT = 81.6417N LNC = 6.7900E LTER = 300. LGK = 300.
AIR TEMP = 0.0 BAKUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	1.86	1.86	34.14	27.48	59.23	0.002	1439.4
5	1.86	1.86	34.13	27.48	59.23	0.003	1439.5
10	1.86	1.86	34.13	27.48	59.23	0.006	1439.6
15	1.87	1.87	34.13	27.48	59.23	0.009	1439.7
20	1.87	1.87	34.13	27.48	59.23	0.012	1439.8
25	1.87	1.87	34.13	27.48	59.23	0.015	1439.9
30	1.86	1.86	34.13	27.48	59.23	0.018	1439.9
35	1.86	1.86	34.13	27.48	59.23	0.021	1440.0
40	1.86	1.86	34.13	27.48	59.23	0.024	1440.1
45	1.86	1.86	34.13	27.48	59.23	0.027	1440.2
50	1.86	1.86	34.13	27.48	59.23	0.030	1440.3
55	1.86	1.86	34.13	27.48	59.23	0.033	1440.4
60	1.86	1.86	34.13	27.48	59.23	0.036	1440.5
65	1.86	1.86	34.13	27.48	59.23	0.039	1440.6
70	1.86	1.86	34.13	27.48	59.23	0.042	1440.7
75	1.86	1.86	34.13	27.48	59.23	0.045	1440.8
80	1.86	1.86	34.13	27.48	59.23	0.048	1440.9
85	1.86	1.86	34.13	27.48	59.23	0.051	1441.0
90	1.86	1.86	34.13	27.48	59.23	0.054	1441.1
95	1.86	1.86	34.13	27.48	59.23	0.057	1441.2
100	1.86	1.86	34.13	27.48	59.23	0.060	1441.3
105	1.86	1.86	34.13	27.48	59.23	0.063	1441.4
110	1.86	1.86	34.13	27.48	59.23	0.066	1441.5
115	1.86	1.86	34.13	27.48	59.23	0.069	1441.6
120	1.86	1.86	34.13	27.48	59.23	0.072	1441.7
125	1.86	1.86	34.13	27.48	59.23	0.075	1441.8
130	1.86	1.86	34.13	27.48	59.23	0.078	1441.9
135	1.86	1.86	34.13	27.48	59.23	0.081	1442.0
140	1.86	1.86	34.13	27.48	59.23	0.084	1442.1
145	1.86	1.86	34.13	27.48	59.23	0.087	1442.2
150	1.86	1.86	34.13	27.48	59.23	0.090	1442.3
155	1.86	1.86	34.13	27.48	59.23	0.093	1442.4
160	1.86	1.86	34.13	27.48	59.23	0.096	1442.5
165	1.86	1.86	34.13	27.48	59.23	0.099	1442.6
170	1.86	1.86	34.13	27.48	59.23	0.102	1442.7
175	1.86	1.86	34.13	27.48	59.23	0.105	1442.8
180	1.86	1.86	34.13	27.48	59.23	0.108	1442.9
185	1.86	1.86	34.13	27.48	59.23	0.111	1443.0
190	1.86	1.86	34.13	27.48	59.23	0.114	1443.1
195	1.86	1.86	34.13	27.48	59.23	0.117	1443.2
200	1.86	1.86	34.13	27.48	59.23	0.120	1443.3
205	1.86	1.86	34.13	27.48	59.23	0.123	1443.4
210	1.86	1.86	34.13	27.48	59.23	0.126	1443.5
215	1.86	1.86	34.13	27.48	59.23	0.129	1443.6
220	1.86	1.86	34.13	27.48	59.23	0.132	1443.7
225	1.86	1.86	34.13	27.48	59.23	0.135	1443.8
230	1.86	1.86	34.13	27.48	59.23	0.138	1443.9
235	1.86	1.86	34.13	27.48	59.23	0.141	1444.0
240	1.86	1.86	34.13	27.48	59.23	0.144	1444.1
245	1.86	1.86	34.13	27.48	59.23	0.147	1444.2
250	1.86	1.86	34.13	27.48	59.23	0.150	1444.3
255	1.86	1.86	34.13	27.48	59.23	0.153	1444.4
260	1.86	1.86	34.13	27.48	59.23	0.156	1444.5
265	1.86	1.86	34.13	27.48	59.23	0.159	1444.6
270	1.86	1.86	34.13	27.48	59.23	0.162	1444.7
275	1.86	1.86	34.13	27.48	59.23	0.165	1444.8
280	1.86	1.86	34.13	27.48	59.23	0.168	1444.9
285	1.86	1.86	34.13	27.48	59.23	0.171	1445.0
290	1.86	1.86	34.13	27.48	59.23	0.174	1445.1
295	1.86	1.86	34.13	27.48	59.23	0.177	1445.2
300	1.86	1.86	34.13	27.48	59.23	0.180	1445.3
305	1.86	1.86	34.13	27.48	59.23	0.183	1445.4
310	1.86	1.86	34.13	27.48	59.23	0.186	1445.5
315	1.86	1.86	34.13	27.48	59.23	0.189	1445.6
320	1.86	1.86	34.13	27.48	59.23	0.192	1445.7
325	1.86	1.86	34.13	27.48	59.23	0.195	1445.8
330	1.86	1.86	34.13	27.48	59.23	0.198	1445.9
335	1.86	1.86	34.13	27.48	59.23	0.201	1446.0
340	1.86	1.86	34.13	27.48	59.23	0.204	1446.1
345	1.86	1.86	34.13	27.48	59.23	0.207	1446.2
350	1.86	1.86	34.13	27.48	59.23	0.210	1446.3
355	1.86	1.86	34.13	27.48	59.23	0.213	1446.4
360	1.86	1.86	34.13	27.48	59.23	0.216	1446.5
365	1.86	1.86	34.13	27.48	59.23	0.219	1446.6
370	1.86	1.86	34.13	27.48	59.23	0.222	1446.7
375	1.86	1.86	34.13	27.48	59.23	0.225	1446.8
380	1.86	1.86	34.13	27.48	59.23	0.228	1446.9
385	1.86	1.86	34.13	27.48	59.23	0.231	1447.0
390	1.86	1.86	34.13	27.48	59.23	0.234	1447.1
395	1.86	1.86	34.13	27.48	59.23	0.237	1447.2
400	1.86	1.86	34.13	27.48	59.23	0.240	1447.3
405	1.86	1.86	34.13	27.48	59.23	0.243	1447.4
410	1.86	1.86	34.13	27.48	59.23	0.246	1447.5
415	1.86	1.86	34.13	27.48	59.23	0.249	1447.6
420	1.86	1.86	34.13	27.48	59.23	0.252	1447.7
425	1.86	1.86	34.13	27.48	59.23	0.255	1447.8
430	1.86	1.86	34.13	27.48	59.23	0.258	1447.9
435	1.86	1.86	34.13	27.48	59.23	0.261	1448.0
440	1.86	1.86	34.13	27.48	59.23	0.264	1448.1
445	1.86	1.86	34.13	27.48	59.23	0.267	1448.2
450	1.86	1.86	34.13	27.48	59.23	0.270	1448.3
455	1.86	1.86	34.13	27.48	59.23	0.273	1448.4
460	1.86	1.86	34.13	27.48	59.23	0.276	1448.5
465	1.86	1.86	34.13	27.48	59.23	0.279	1448.6
470	1.86	1.86	34.13	27.48	59.23	0.282	1448.7
475	1.86	1.86	34.13	27.48	59.23	0.285	1448.8
480	1.86	1.86	34.13	27.48	59.23	0.288	1448.9
485	1.86	1.86	34.13	27.48	59.23	0.291	1449.0
490	1.86	1.86	34.13	27.48	59.23	0.294	1449.1
495	1.86	1.86	34.13	27.48	59.23	0.297	1449.2
500	1.86	1.86	34.13	27.48	59.23	0.300	1449.3

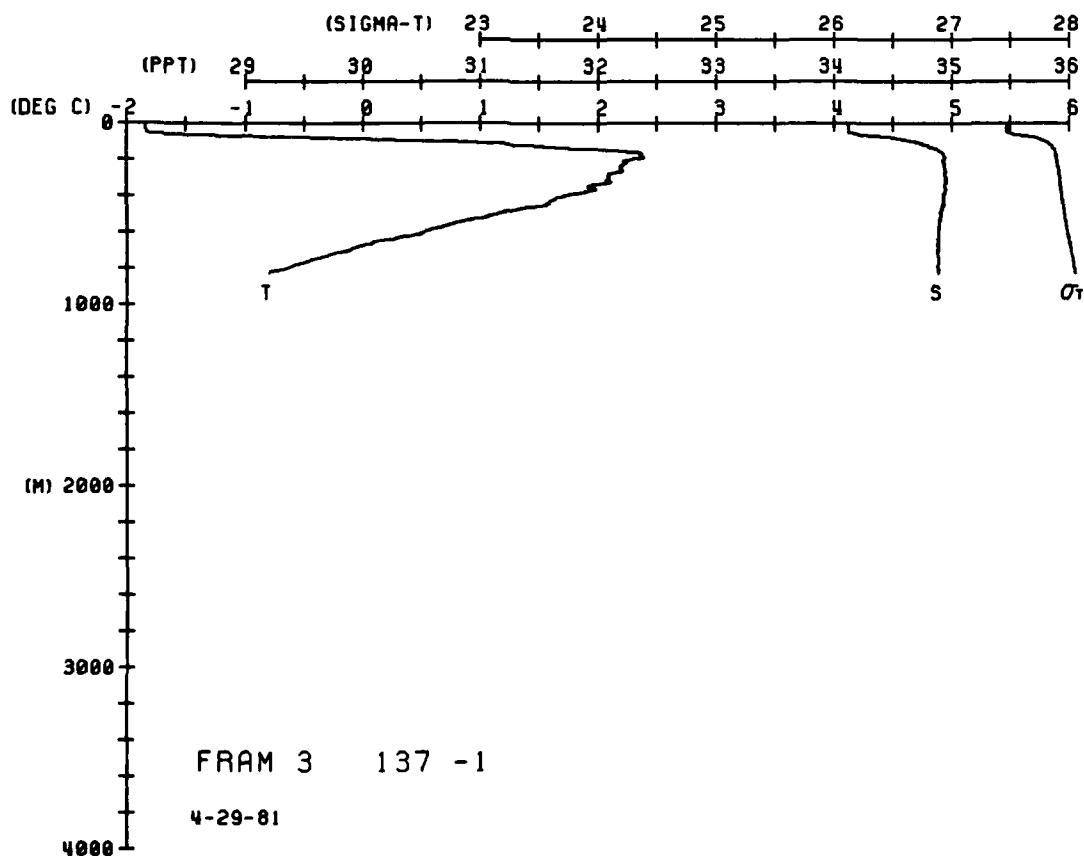
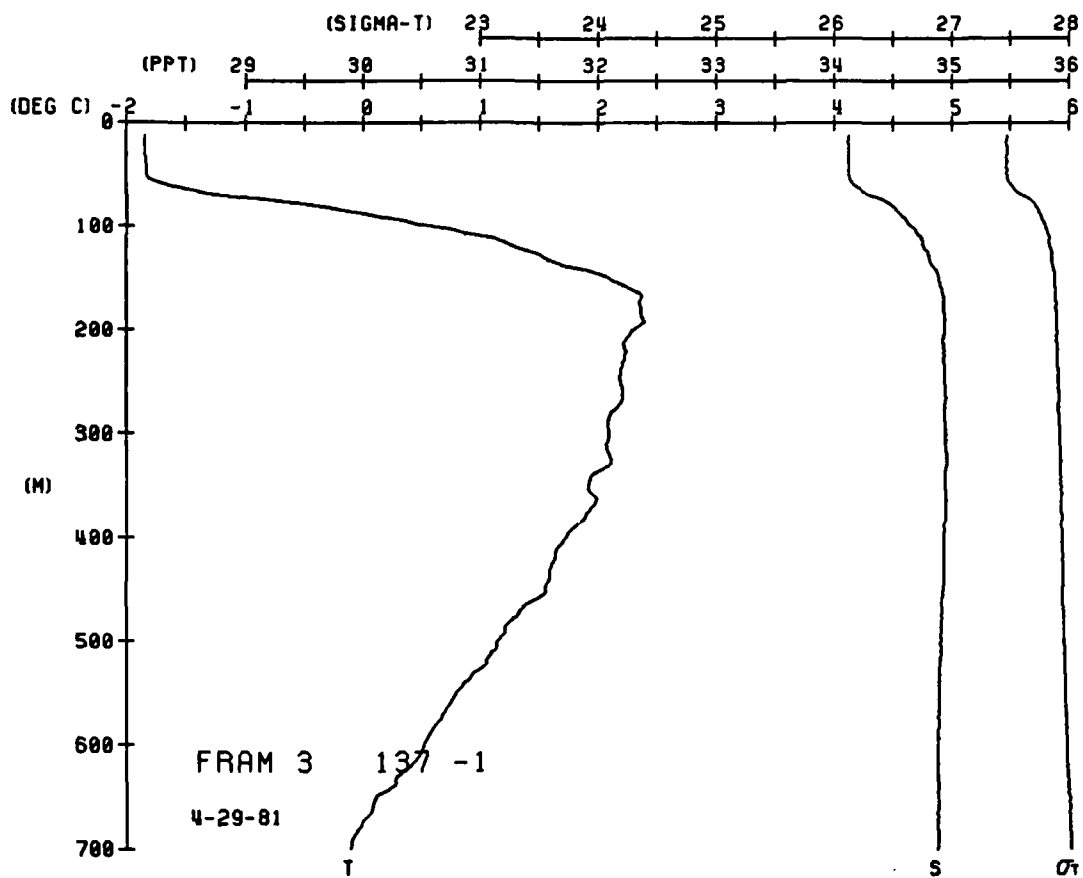
FRAM 3 STATION 136(1) CTD 29/APH/1981 1723 GMT CODE = 5
LAT = 81.5200N LNC = 5.0783E LTER = 300. LGK = 300.
AIR TEMP = 0.0 BAKUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	1.90	-1.90	34.28	27.60	48.7	0.002	1439.4
5	1.90	-1.91	34.28	27.59	48.4	0.003	1439.5
10	1.90	-1.91	34.27	27.59	49.2	0.005	1439.6
15	1.90	-1.90	34.27	27.59	49.5	0.007	1439.7
20	1.90	-1.90	34.28	27.60	47.3	0.012	1439.8
25	1.90	-1.90	34.29	27.61	46.9	0.015	1439.9
30	1.90	-1.90	34.29	27.61	47.0	0.019	1440.0
35	1.90	-1.90	34.29	27.61	47.0	0.024	1440.1
40	1.89	-1.89	34.29	27.61	47.1	0.027	1440.2
45	1.89	-1.89	34.30	27.61	46.7	0.029	1440.3
50	1.87	-1.87	34.30	27.62	45.1	0.031	1440.4
55	1.87	-1.88	34.31	27.63	45.1	0.034	1441.0
60	1.85	-1.85	34.31	27.63	45.1	0.036	1442.8
65	1.85	-1.85	34.37	27.64	44.3	0.038	1444.6
70	1.85	-1.85	34.41	27.67	41.3	0.040	1446.7
75	1.82	-1.82	34.46	27.72	39.2	0.042	1447.0
80	1.82	-1.82	34.51	27.75	36.4	0.044	1449.0
85	1.82	-1.82	34.59	27.77	33.4	0.045	1450.1
90	1.82	-1.82	34.59	27.81	31.4	0.048	1453.3
95	1.82	-1.82	34.59	27.81	28.5	0.051	1454.3
100	1.82	-1.82	34.75	27.83	26.5	0.054	1456.2
105	1.82	-1.82	34.75	27.87	25.4	0.056	1457.0
110	1.82	-1.82	34.81	27.87	22.9	0.058	1459.8
115	1.82	-1.82	34.83	27.88	21.9	0.061	1459.5
120	1.82	-1.82	34.88	27.93	17.4	0.064	1462.1
125	1.82	-1.82	34.96	27.94	17.3	0.066	1462.1
130	1.82	-1.82	34.97	27.95	16.1	0.069	1462.7
135	1.82	-1.82	34.99	27.95	15.6	0.071	1462.9
140	1.82	-1.82	35.00	27.97	15.2	0.072	1463.0
145	1.82	-1.82	35.01	27.97	14.6	0.074	1463.4
150	1.82	-1.82	35.02	27.97	14.5	0.075	1463.3
155	1.82	-1.82	35.02	27.98	13.3	0.077	1463.5
160	1.82	-1.82	35.03	27.98	13.4	0.078	1463.3
165	1.82	-1.82	35.03	27.98	11.1	0.080	1463.4
170	1.82	-1.82	35.00	27.98	11.1	0.081	1462.8
175	1.82	-1.82	35.00	27.98	11.2	0.082	1462.9
180	1.82	-1.82	35.01	27.99	12.2	0.084	1463.0
185	1.82	-1.82	35.01	27.99	12.5	0.085	1463.3
190	1.82	-1.82	35.01	27.99	12.5	0.086	1463.3
195	1.82	-1.82	35.01	27.99	12.6	0.089	1463.2
200	1.82	-1.82	35.00	28.00	11.8	0.091	1462.9
205	1.82	-1.82	35.00	28.00	11.1	0.092	1462.8
210	1.82	-1.82	35.00	28.00	11.5	0.094	1462.8
215	1.82	-1.82	35.00	28.00	11.2	0.095	1462.6
220	1.82	-1.82	35.00	28.01	11.1	0.096	1462.4
225	1.82	-1.82	35.00	28.01	11.4	0.097	1462.2
230	1.82	-1.82	34.99	28.01	10.1	0.098	1462.4
235	1.82	-1.82	34.99	28.01	10.1	0.099	1462.2
240	1.82	-1.82	34.98	28.02	19.0	0.101	1462.2
245	1.82	-1.82	34.97	28.02	19.0	0.101	1461.7
250	1.82	-1.82	34.97	28.02	19.0	0.101	1461.6
255	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
260	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
265	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
270	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
275	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
280	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
285	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
290	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
295	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
300	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
305	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
310	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
315	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
320	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
325	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
330	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
335	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
340	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
345	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
350	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
355	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
360	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
365	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
370	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
375	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
380	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
385	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
390	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
395	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
400	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
405	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
410	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
415	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
420	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
425	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
430	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
435	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
440	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
445	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
450	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
455	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
460	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
465	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
470	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
475	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
480	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
485	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6
490	1.82	-1.82	34.96	28.02	19.0	0.101	1461.6



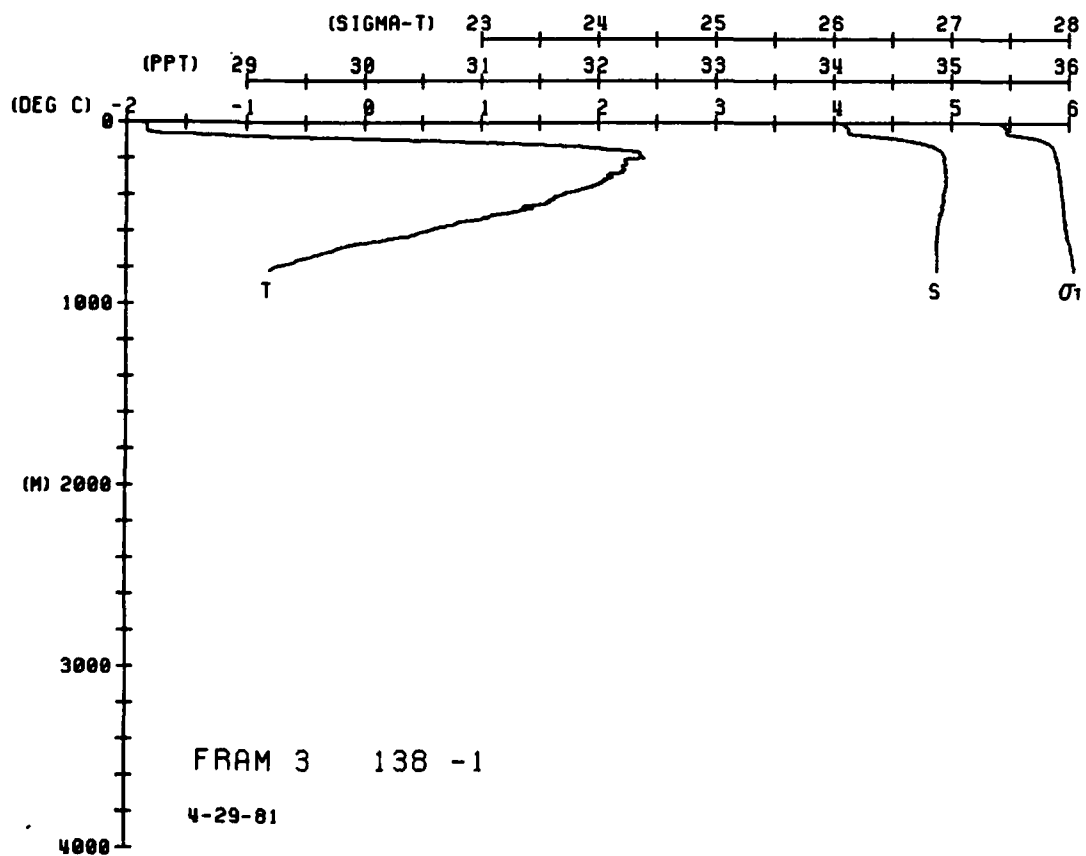
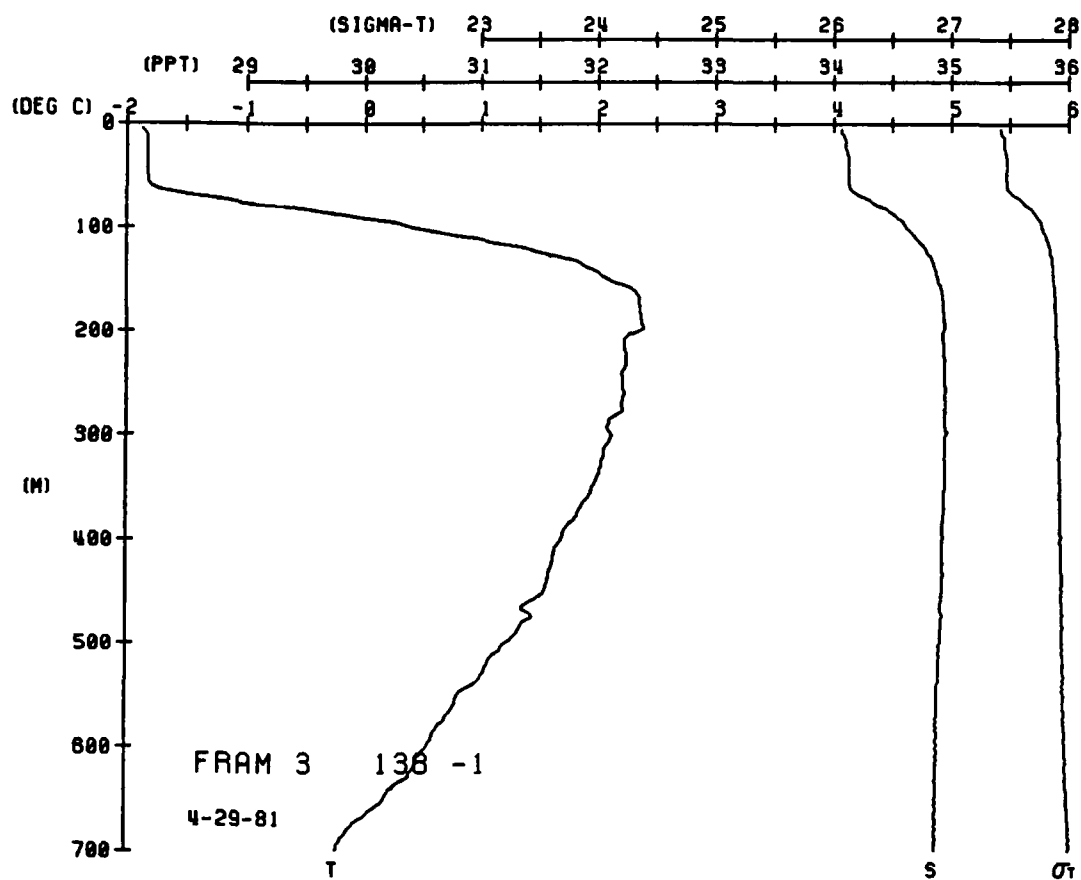
FRAM 3 STATION 137(1) CTD 29/APR/1981 1800 GMT CUDR = 5
 LAT = 81.8878N LNG = 5.4333E LTER = 30.0 UGER = 30.0
 AIR TEMP = 0.0 BAKUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	8.4	-1.84	34.13	27.47	0.000	0.000	1430.5	710.0	-0.19	-0.22	34.88	28.02	7.8	0.155	1460.1
0.5	8.4	-1.84	34.13	27.47	0.003	0.003	1430.6	740.0	-0.37	-0.40	34.88	28.03	6.3	0.158	1459.8
1.0	8.4	-1.84	34.13	27.47	0.006	0.006	1430.7	790.0	-0.61	-0.64	34.88	28.04	4.9	0.160	1459.5
1.5	8.4	-1.84	34.13	27.47	0.009	0.009	1430.8	827.4	-0.81	-0.84	34.89	28.06	2.9	0.162	1459.2
2.0	8.4	-1.84	34.13	27.47	0.012	0.012	1430.9								
2.5	8.4	-1.84	34.13	27.47	0.015	0.015	1431.0								
3.0	8.4	-1.84	34.13	27.47	0.021	0.021	1440.1								
3.5	8.4	-1.84	34.13	27.47	0.027	0.027	1440.2								
4.0	8.4	-1.84	34.13	27.47	0.030	0.030	1440.3								
4.5	8.4	-1.84	34.13	27.47	0.033	0.033	1440.4								
5.0	8.4	-1.84	34.13	27.47	0.036	0.036	1440.5								
5.5	8.4	-1.84	34.13	27.47	0.039	0.039	1440.6								
6.0	8.4	-1.84	34.13	27.47	0.041	0.041	1440.7								
6.5	8.4	-1.84	34.13	27.47	0.044	0.044	1440.8								
7.0	8.4	-1.84	34.13	27.47	0.046	0.046	1440.9								
7.5	8.4	-1.84	34.13	27.47	0.049	0.049	1440.1								
8.0	8.4	-1.84	34.13	27.47	0.052	0.052	1450.0								
8.5	8.4	-1.84	34.13	27.47	0.055	0.055	1450.1								
9.0	8.4	-1.84	34.13	27.47	0.058	0.058	1450.2								
9.5	8.4	-1.84	34.13	27.47	0.060	0.060	1450.3								
10.0	8.4	-1.84	34.13	27.47	0.062	0.062	1450.4								
10.5	8.4	-1.84	34.13	27.47	0.065	0.065	1462.0								
11.0	8.4	-1.84	34.13	27.47	0.067	0.067	1462.1								
11.5	8.4	-1.84	34.13	27.47	0.069	0.069	1462.2								
12.0	8.4	-1.84	34.13	27.47	0.071	0.071	1462.3								
12.5	8.4	-1.84	34.13	27.47	0.074	0.074	1462.4								
13.0	8.4	-1.84	34.13	27.47	0.076	0.076	1462.5								
13.5	8.4	-1.84	34.13	27.47	0.078	0.078	1462.6								
14.0	8.4	-1.84	34.13	27.47	0.080	0.080	1462.7								
14.5	8.4	-1.84	34.13	27.47	0.082	0.082	1462.8								
15.0	8.4	-1.84	34.13	27.47	0.084	0.084	1462.9								
15.5	8.4	-1.84	34.13	27.47	0.086	0.086	1463.0								
16.0	8.4	-1.84	34.13	27.47	0.088	0.088	1463.1								
16.5	8.4	-1.84	34.13	27.47	0.090	0.090	1463.2								
17.0	8.4	-1.84	34.13	27.47	0.092	0.092	1463.3								
17.5	8.4	-1.84	34.13	27.47	0.094	0.094	1463.4								
18.0	8.4	-1.84	34.13	27.47	0.096	0.096	1463.5								
18.5	8.4	-1.84	34.13	27.47	0.098	0.098	1463.6								
19.0	8.4	-1.84	34.13	27.47	0.100	0.100	1463.7								
19.5	8.4	-1.84	34.13	27.47	0.102	0.102	1463.8								
20.0	8.4	-1.84	34.13	27.47	0.103	0.103	1463.9								
20.5	8.4	-1.84	34.13	27.47	0.105	0.105	1464.0								
21.0	8.4	-1.84	34.13	27.47	0.107	0.107	1464.1								
21.5	8.4	-1.84	34.13	27.47	0.109	0.109	1464.2								
22.0	8.4	-1.84	34.13	27.47	0.111	0.111	1464.3								
22.5	8.4	-1.84	34.13	27.47	0.113	0.113	1464.4								
23.0	8.4	-1.84	34.13	27.47	0.114	0.114	1464.5								
23.5	8.4	-1.84	34.13	27.47	0.116	0.116	1464.6								
24.0	8.4	-1.84	34.13	27.47	0.118	0.118	1464.7								
24.5	8.4	-1.84	34.13	27.47	0.120	0.120	1464.8								
25.0	8.4	-1.84	34.13	27.47	0.122	0.122	1464.9								
25.5	8.4	-1.84	34.13	27.47	0.124	0.124	1465.0								
26.0	8.4	-1.84	34.13	27.47	0.126	0.126	1465.1								
26.5	8.4	-1.84	34.13	27.47	0.128	0.128	1465.2								
27.0	8.4	-1.84	34.13	27.47	0.130	0.130	1465.3								
27.5	8.4	-1.84	34.13	27.47	0.132	0.132	1465.4								
28.0	8.4	-1.84	34.13	27.47	0.134	0.134	1465.5								
28.5	8.4	-1.84	34.13	27.47	0.136	0.136	1465.6								
29.0	8.4	-1.84	34.13	27.47	0.138	0.138	1465.7								
29.5	8.4	-1.84	34.13	27.47	0.140	0.140	1465.8								
30.0	8.4	-1.84	34.13	27.47	0.142	0.142	1465.9								
30.5	8.4	-1.84	34.13	27.47	0.144	0.144	1466.0								
31.0	8.4	-1.84	34.13	27.47	0.146	0.146	1466.1								
31.5	8.4	-1.84	34.13	27.47	0.148	0.148	1466.2								
32.0	8.4	-1.84	34.13	27.47	0.150	0.150	1466.3								
32.5	8.4	-1.84	34.13	27.47	0.152	0.152	1466.4								
33.0	8.4	-1.84	34.13	27.47	0.154	0.154	1466.5								
33.5	8.4	-1.84	34.13	27.47	0.156	0.156	1466.6								
34.0	8.4	-1.84	34.13	27.47	0.158	0.158	1466.7								
34.5	8.4	-1.84	34.13	27.47	0.160	0.160	1466.8								
35.0	8.4	-1.84	34.13	27.47	0.162	0.162	1466.9								
35.5	8.4	-1.84	34.13	27.47	0.164	0.164	1467.0								
36.0	8.4	-1.84	34.13	27.47	0.166	0.166	1467.1								
36.5	8.4	-1.84	34.13	27.47	0.168	0.168	1467.2								
37.0	8.4	-1.84	34.13	27.47	0.170	0.170	1467.3								
37.5	8.4	-1.84	34.13	27.47	0.172	0.172	1467.4								
38.0	8.4	-1.84	34.13	27.47	0.174	0.174	1467.5								
38.5	8.4	-1.84	34.13	27.47	0.176	0.176	1467.6								
39.0	8.4	-1.84	34.13	27.47	0.178	0.178	1467.7								
39.5	8.4	-1.84	34.13	27.47	0.180	0.180	1467.8								
40.0	8.4	-1.84	34.13	27.47	0.182	0.182	1467.9								
40.5	8.4	-1.84	34.13	27.47	0.184	0.184	1468.0								
41.0	8.4	-1.84	34.13	27.47	0.186	0.186	1468.1								
41.5	8.4	-1.84	34.13	27.47	0.188	0.188	1468.2								
42.0	8.4	-1.84	34.13	27.47	0.190	0.190	1468.3								
42.5	8.4	-1.84	34.13	27.47	0.192	0.192	1468.4								
43.0	8.4	-1.84	34.13	27.47	0.194	0.194	1468.5								
43.5	8.4	-1.84	34.13	27.47	0.196	0.196	1468.6								
44.0	8.4	-1.84	34.13	27.47	0.198	0.198	1468.7								
44.5	8.4	-1.84	34.13	27.47	0.200	0.200	1468.8								
45.0	8.4	-1.84	34.13	27.47	0.202	0.202	1468.9								
45.5	8.4	-1.84	34.13	27.47	0.204	0.204	1469.0								
46.0	8.4	-1.84	34.13	27.47	0.206	0.206	1469.1								
46.5	8.4	-1.84	34.13	27.47	0.208	0.208	1469.2								
47.0	8.4	-1.84	34.13	27.47	0.210	0.210	1469.3								
47.5	8.4	-1.84	34.13	27.47	0.212	0.212	1469.4								
48.0	8.4	-1.84	34.13	27.47	0.214	0.214	1469.5								
48.5	8.4	-1.84	34.13	27.47	0.216	0.216	1469.6								
49.0	8.4	-1.84	34.13	27.47	0.218	0.218	1469.7								
49.5	8.4	-1.84	34.13	27.47	0.220	0.220	1469.8								
50.0	8.4	-1.84	34.13	27.47	0.222	0.222	1469.9								
50.5	8.4	-1.84	34.13	27.47	0.224	0.224	1470.0								
51.0	8.4	-1.84	34.13	27.47	0.226	0.226	1470.1								
51.5	8.4	-1.84	34.13	27.47	0.228	0.228	1470.2								
52.0	8.4	-1.84	34.13	27.47	0.230	0.230	1470.3								



FRAM 3 STATION 138(1) CTU 29/APR/19H1 1955 GMT CODE = 5
 LAT = 81.8818N LONG = 5.4073E INTER = 30.0
 AIR TEMP = 0.0 WIND = 0.0 WIND = 0.0
 UGEK = 0.0
 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHI	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	1.88	1.88	34.96	27.42	64.9	0.000	1439.2	710.0	-0.28	-0.31	34.88	28.02	7.1	0.157	1459.6
5	1.88	1.88	34.96	27.42	64.9	0.003	1439.3	740.0	-0.45	-0.48	34.89	28.04	5.5	0.159	1459.4
10	1.88	1.88	34.96	27.42	64.9	0.007	1439.4	790.0	-0.70	-0.73	34.88	28.05	3.2	0.161	1459.1
15	1.88	1.88	34.96	27.42	64.9	0.010	1439.5	816.5	-0.80	-0.83	34.88	28.05		0.162	1459.1
20	1.88	1.88	34.96	27.42	64.9	0.013	1439.6								
25	1.88	1.88	34.96	27.42	64.9	0.016	1439.7								
30	1.88	1.88	34.96	27.42	64.9	0.019	1439.8								
35	1.88	1.88	34.96	27.42	64.9	0.022	1439.9								
40	1.88	1.88	34.96	27.42	64.9	0.025	1440.0								
45	1.88	1.88	34.96	27.42	64.9	0.028	1440.1								
50	1.88	1.88	34.96	27.42	64.9	0.031	1440.2								
55	1.88	1.88	34.96	27.42	64.9	0.034	1440.3								
60	1.88	1.88	34.96	27.42	64.9	0.037	1440.4								
65	1.88	1.88	34.96	27.42	64.9	0.040	1440.5								
70	1.88	1.88	34.96	27.42	64.9	0.043	1440.6								
75	1.88	1.88	34.96	27.42	64.9	0.046	1440.7								
80	1.88	1.88	34.96	27.42	64.9	0.049	1440.8								
85	1.88	1.88	34.96	27.42	64.9	0.052	1440.9								
90	1.88	1.88	34.96	27.42	64.9	0.055	1441.0								
95	1.88	1.88	34.96	27.42	64.9	0.058	1441.1								
100	1.88	1.88	34.96	27.42	64.9	0.061	1441.2								
105	1.88	1.88	34.96	27.42	64.9	0.064	1441.3								
110	1.88	1.88	34.96	27.42	64.9	0.067	1441.4								
115	1.88	1.88	34.96	27.42	64.9	0.070	1441.5								
120	1.88	1.88	34.96	27.42	64.9	0.073	1441.6								
125	1.88	1.88	34.96	27.42	64.9	0.076	1441.7								
130	1.88	1.88	34.96	27.42	64.9	0.079	1441.8								
135	1.88	1.88	34.96	27.42	64.9	0.082	1441.9								
140	1.88	1.88	34.96	27.42	64.9	0.085	1442.0								
145	1.88	1.88	34.96	27.42	64.9	0.088	1442.1								
150	1.88	1.88	34.96	27.42	64.9	0.091	1442.2								
155	1.88	1.88	34.96	27.42	64.9	0.094	1442.3								
160	1.88	1.88	34.96	27.42	64.9	0.097	1442.4								
165	1.88	1.88	34.96	27.42	64.9	0.100	1442.5								
170	1.88	1.88	34.96	27.42	64.9	0.103	1442.6								
175	1.88	1.88	34.96	27.42	64.9	0.106	1442.7								
180	1.88	1.88	34.96	27.42	64.9	0.109	1442.8								
185	1.88	1.88	34.96	27.42	64.9	0.112	1442.9								
190	1.88	1.88	34.96	27.42	64.9	0.115	1443.0								
195	1.88	1.88	34.96	27.42	64.9	0.118	1443.1								
200	1.88	1.88	34.96	27.42	64.9	0.121	1443.2								
205	1.88	1.88	34.96	27.42	64.9	0.124	1443.3								
210	1.88	1.88	34.96	27.42	64.9	0.127	1443.4								
215	1.88	1.88	34.96	27.42	64.9	0.130	1443.5								
220	1.88	1.88	34.96	27.42	64.9	0.133	1443.6								
225	1.88	1.88	34.96	27.42	64.9	0.136	1443.7								
230	1.88	1.88	34.96	27.42	64.9	0.139	1443.8								
235	1.88	1.88	34.96	27.42	64.9	0.142	1443.9								
240	1.88	1.88	34.96	27.42	64.9	0.145	1444.0								
245	1.88	1.88	34.96	27.42	64.9	0.148	1444.1								
250	1.88	1.88	34.96	27.42	64.9	0.151	1444.2								
255	1.88	1.88	34.96	27.42	64.9	0.154	1444.3								
260	1.88	1.88	34.96	27.42	64.9	0.157	1444.4								
265	1.88	1.88	34.96	27.42	64.9	0.160	1444.5								
270	1.88	1.88	34.96	27.42	64.9	0.163	1444.6								
275	1.88	1.88	34.96	27.42	64.9	0.166	1444.7								
280	1.88	1.88	34.96	27.42	64.9	0.169	1444.8								
285	1.88	1.88	34.96	27.42	64.9	0.172	1444.9								
290	1.88	1.88	34.96	27.42	64.9	0.175	1445.0								
295	1.88	1.88	34.96	27.42	64.9	0.178	1445.1								
300	1.88	1.88	34.96	27.42	64.9	0.181	1445.2								
305	1.88	1.88	34.96	27.42	64.9	0.184	1445.3								
310	1.88	1.88	34.96	27.42	64.9	0.187	1445.4								
315	1.88	1.88	34.96	27.42	64.9	0.190	1445.5								
320	1.88	1.88	34.96	27.42	64.9	0.193	1445.6								
325	1.88	1.88	34.96	27.42	64.9	0.196	1445.7								
330	1.88	1.88	34.96	27.42	64.9	0.199	1445.8								
335	1.88	1.88	34.96	27.42	64.9	0.202	1445.9								
340	1.88	1.88	34.96	27.42	64.9	0.205	1446.0								
345	1.88	1.88	34.96	27.42	64.9	0.208	1446.1								
350	1.88	1.88	34.96	27.42	64.9	0.211	1446.2								
355	1.88	1.88	34.96	27.42	64.9	0.214	1446.3								
360	1.88	1.88	34.96	27.42	64.9	0.217	1446.4								
365	1.88	1.88	34.96	27.42	64.9	0.220	1446.5								
370	1.88	1.88	34.96	27.42	64.9	0.223	1446.6								
375	1.88	1.88	34.96	27.42	64.9	0.226	1446.7								
380	1.88	1.88	34.96	27.42	64.9	0.229	1446.8								
385	1.88	1.88	34.96	27.42	64.9	0.232	1446.9								
390	1.88	1.88	34.96	27.42	64.9	0.235	1447.0								
395	1.88	1.88	34.96	27.42	64.9	0.238	1447.1								
400	1.88	1.88	34.96	27.42	64.9	0.241	1447.2								
405	1.88	1.88	34.96	27.42	64.9	0.244	1447.3								
410	1.88	1.88	34.96	27.42	64.9	0.247	1447.4								
415	1.88	1.88	34.96	27.42	64.9	0.250	1447.5								
420	1.88	1.88	34.96	27.42	64.9	0.253	1447.6								
425	1.88	1.88	34.96	27.42	64.9	0.256	1447.7								
430	1.88	1.88	34.96	27.42	64.9	0.259	1447.8								
435	1.88	1.88	34.96	27.42	64.9	0.262	1447.9								
440	1.88	1.88	34.96	27.42	64.9	0.265	1448.0								
445	1.88	1.88	34.96	27.42	64.9	0.268	1448.1								
450	1.88	1.88	34.96	27.42	64.9	0.271	1448.2								
455	1.88	1.88	34.96	27.42	64.9	0.274	1448.3								
460	1.88	1.88	34.96	27.42	64.9	0.277	1448.4								
465	1.88	1.88	34.96	27.42	64.9	0.280	1448.5								
470	1.88	1.88	34.96	27.42	64.9	0.283	1448.6								
475	1.88	1.88	34.96	27.42	64.9	0.286	1448.7								
480	1.88	1.88	34.96	27.42	64.9	0.289	1448.8								
485	1.88	1.88	34.96	27.42	64.9	0.292	1448.9								
490	1.88	1.88	34.96	27.42	64.9	0.295	1449.0								
495	1.88	1.88	34.96	27.42	64.9	0.298	1449.1								
500	1.88	1.88	34.96	27.42	64.9	0.301	1449.2								
505	1.88	1.88	34.96	27.42	64.9	0.304	1449.3								
510	1.88	1.88	34.96	27.42	64.9	0.307	1449.4								
515	1.88	1.88	34.96	27.42	64.9	0.310	1449.5								
520	1.88	1.88	34.96	27.42	64.9	0.313	1449.6								
525	1.88	1.88	34.96	27.42	64.9	0.316									

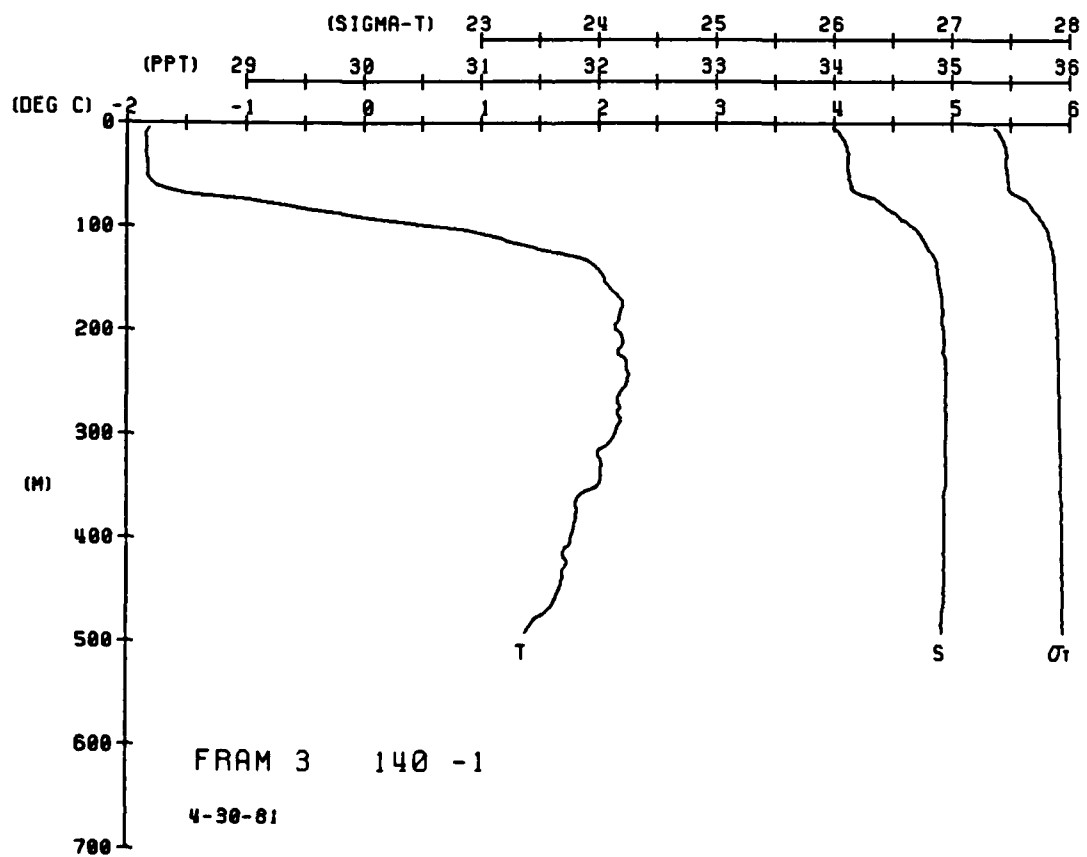
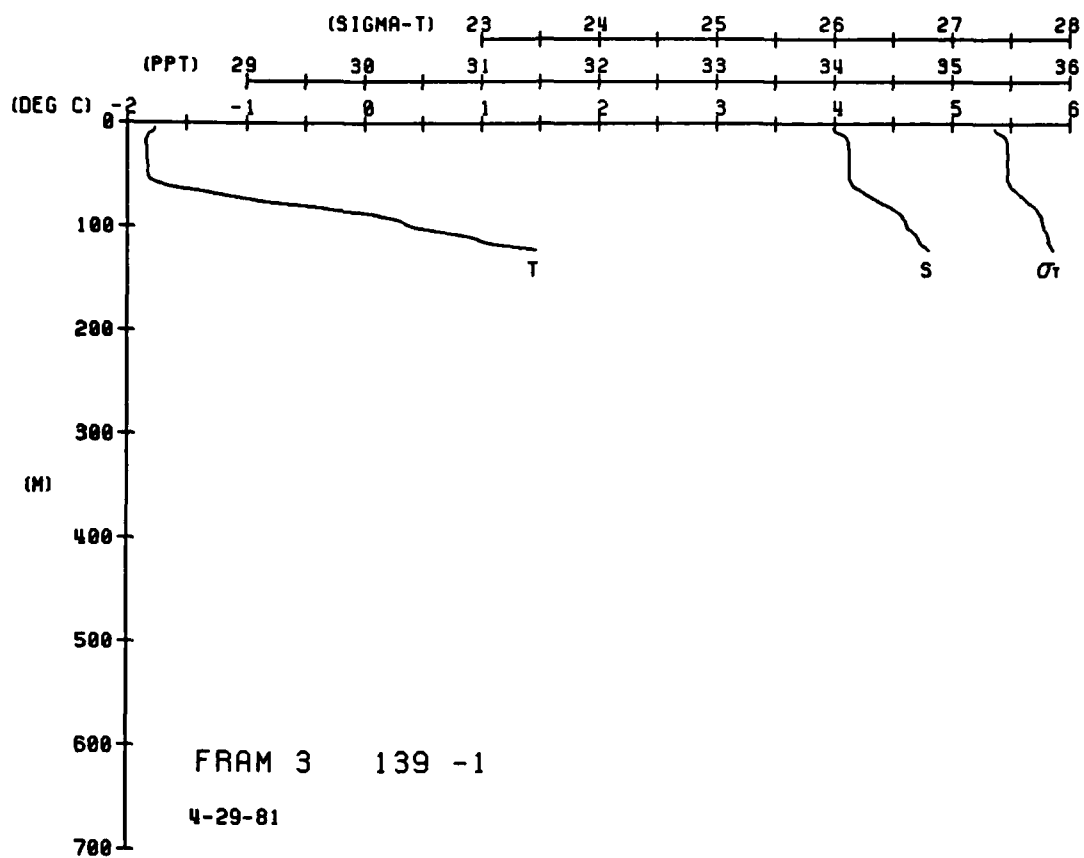


FRAM 3 STATION 139(1) CTD 29/APR/1981 2050 GMT CUDE = 5
 LAT = 81.8802N LNG = 5.3968E LTR = 30. LGPK = 30.
 AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVUL	DYHNT	SOUND
0.0	1.76	-1.76	33.98	27.35	71.5	0.000	1439.7
5.0	-1.77	-1.77	33.99	27.36	71.5	0.003	1439.7
10.0	-1.78	-1.78	34.00	27.37	71.5	0.004	1439.7
15.0	-1.79	-1.79	34.01	27.38	65.5	0.007	1439.7
20.0	-1.80	-1.80	34.02	27.39	61.1	0.013	1439.7
25.0	-1.81	-1.81	34.03	27.40	60.0	0.019	1439.7
30.0	-1.82	-1.82	34.04	27.41	59.7	0.025	1440.0
35.0	-1.83	-1.83	34.05	27.42	59.5	0.028	1440.2
40.0	-1.84	-1.84	34.06	27.43	59.3	0.031	1440.3
45.0	-1.85	-1.85	34.07	27.44	59.0	0.034	1440.4
50.0	-1.86	-1.86	34.08	27.45	58.8	0.037	1441.0
55.0	-1.87	-1.87	34.09	27.46	58.5	0.040	1441.6
60.0	-1.88	-1.88	34.10	27.47	58.2	0.043	1442.1
65.0	-1.89	-1.89	34.11	27.48	57.9	0.045	1442.5
70.0	-1.90	-1.90	34.12	27.49	57.6	0.047	1442.9
75.0	-1.91	-1.91	34.13	27.50	57.3	0.049	1443.5
80.0	-1.92	-1.92	34.14	27.51	57.0	0.051	1444.0
85.0	-1.93	-1.93	34.15	27.52	56.8	0.052	1444.4
90.0	-1.94	-1.94	34.16	27.53	56.5	0.054	1445.0
95.0	-1.95	-1.95	34.17	27.54	56.2	0.057	1445.3
100.0	-1.96	-1.96	34.18	27.55	56.0	0.060	1445.6
110.0	-1.97	-1.97	34.19	27.56	55.7	0.062	1445.9
120.0	-1.98	-1.98	34.20	27.57	55.4	0.064	1446.4
130.0	-1.99	-1.99	34.21	27.58	55.1	0.067	1446.8
140.0	-2.00	-2.00	34.22	27.59	54.8	0.069	1447.3
150.0	-2.01	-2.01	34.23	27.60	54.5	0.071	1447.9
160.0	-2.02	-2.02	34.24	27.61	54.2	0.073	1448.4
170.0	-2.03	-2.03	34.25	27.62	53.9	0.075	1448.9
180.0	-2.04	-2.04	34.26	27.63	53.6	0.077	1449.5
190.0	-2.05	-2.05	34.27	27.64	53.3	0.079	1450.0
200.0	-2.06	-2.06	34.28	27.65	53.0	0.081	1450.5
210.0	-2.07	-2.07	34.29	27.66	52.7	0.083	1451.0
220.0	-2.08	-2.08	34.30	27.67	52.4	0.085	1451.5
230.0	-2.09	-2.09	34.31	27.68	52.1	0.087	1452.0
240.0	-2.10	-2.10	34.32	27.69	51.8	0.089	1452.5
250.0	-2.11	-2.11	34.33	27.70	51.5	0.091	1453.0
260.0	-2.12	-2.12	34.34	27.71	51.2	0.093	1453.5
270.0	-2.13	-2.13	34.35	27.72	50.9	0.095	1454.0
280.0	-2.14	-2.14	34.36	27.73	50.6	0.097	1454.5
290.0	-2.15	-2.15	34.37	27.74	50.3	0.099	1455.0
300.0	-2.16	-2.16	34.38	27.75	50.0	0.101	1455.5
310.0	-2.17	-2.17	34.39	27.76	49.7	0.103	1456.0
320.0	-2.18	-2.18	34.40	27.77	49.4	0.105	1456.5
330.0	-2.19	-2.19	34.41	27.78	49.1	0.107	1457.0
340.0	-2.20	-2.20	34.42	27.79	48.8	0.109	1457.5
350.0	-2.21	-2.21	34.43	27.80	48.5	0.111	1458.0
360.0	-2.22	-2.22	34.44	27.81	48.2	0.113	1458.5
370.0	-2.23	-2.23	34.45	27.82	47.9	0.115	1459.0
380.0	-2.24	-2.24	34.46	27.83	47.6	0.117	1459.5
390.0	-2.25	-2.25	34.47	27.84	47.3	0.119	1460.0
400.0	-2.26	-2.26	34.48	27.85	47.0	0.121	1460.5
410.0	-2.27	-2.27	34.49	27.86	46.7	0.123	1461.0
420.0	-2.28	-2.28	34.50	27.87	46.4	0.125	1461.5
430.0	-2.29	-2.29	34.51	27.88	46.1	0.127	1462.0
440.0	-2.30	-2.30	34.52	27.89	45.8	0.129	1462.5
450.0	-2.31	-2.31	34.53	27.90	45.5	0.131	1463.0
460.0	-2.32	-2.32	34.54	27.91	45.2	0.133	1463.5
470.0	-2.33	-2.33	34.55	27.92	44.9	0.135	1464.0
480.0	-2.34	-2.34	34.56	27.93	44.6	0.137	1464.5
490.0	-2.35	-2.35	34.57	27.94	44.3	0.139	1465.0
500.0	-2.36	-2.36	34.58	27.95	44.0	0.141	1465.5
510.0	-2.37	-2.37	34.59	27.96	43.7	0.143	1466.0
520.0	-2.38	-2.38	34.60	27.97	43.4	0.145	1466.5
530.0	-2.39	-2.39	34.61	27.98	43.1	0.147	1467.0
540.0	-2.40	-2.40	34.62	27.99	42.8	0.149	1467.5
550.0	-2.41	-2.41	34.63	28.00	42.5	0.151	1468.0
560.0	-2.42	-2.42	34.64	28.01	42.2	0.153	1468.5
570.0	-2.43	-2.43	34.65	28.02	41.9	0.155	1469.0
580.0	-2.44	-2.44	34.66	28.03	41.6	0.157	1469.5
590.0	-2.45	-2.45	34.67	28.04	41.3	0.159	1470.0
600.0	-2.46	-2.46	34.68	28.05	41.0	0.161	1470.5
610.0	-2.47	-2.47	34.69	28.06	40.7	0.163	1471.0
620.0	-2.48	-2.48	34.70	28.07	40.4	0.165	1471.5
630.0	-2.49	-2.49	34.71	28.08	40.1	0.167	1472.0
640.0	-2.50	-2.50	34.72	28.09	39.8	0.169	1472.5
650.0	-2.51	-2.51	34.73	28.10	39.5	0.171	1473.0
660.0	-2.52	-2.52	34.74	28.11	39.2	0.173	1473.5
670.0	-2.53	-2.53	34.75	28.12	38.9	0.175	1474.0
680.0	-2.54	-2.54	34.76	28.13	38.6	0.177	1474.5
690.0	-2.55	-2.55	34.77	28.14	38.3	0.179	1475.0
700.0	-2.56	-2.56	34.78	28.15	38.0	0.181	1475.5
710.0	-2.57	-2.57	34.79	28.16	37.7	0.183	1476.0
720.0	-2.58	-2.58	34.80	28.17	37.4	0.185	1476.5
730.0	-2.59	-2.59	34.81	28.18	37.1	0.187	1477.0
740.0	-2.60	-2.60	34.82	28.19	36.8	0.189	1477.5
750.0	-2.61	-2.61	34.83	28.20	36.5	0.191	1478.0
760.0	-2.62	-2.62	34.84	28.21	36.2	0.193	1478.5
770.0	-2.63	-2.63	34.85	28.22	35.9	0.195	1479.0
780.0	-2.64	-2.64	34.86	28.23	35.6	0.197	1479.5
790.0	-2.65	-2.65	34.87	28.24	35.3	0.199	1480.0
800.0	-2.66	-2.66	34.88	28.25	35.0	0.201	1480.5
810.0	-2.67	-2.67	34.89	28.26	34.7	0.203	1481.0
820.0	-2.68	-2.68	34.90	28.27	34.4	0.205	1481.5
830.0	-2.69	-2.69	34.91	28.28	34.1	0.207	1482.0
840.0	-2.70	-2.70	34.92	28.29	33.8	0.209	1482.5
850.0	-2.71	-2.71	34.93	28.30	33.5	0.211	1483.0
860.0	-2.72	-2.72	34.94	28.31	33.2	0.213	1483.5
870.0	-2.73	-2.73	34.95	28.32	32.9	0.215	1484.0
880.0	-2.74	-2.74	34.96	28.33	32.6	0.217	1484.5
890.0	-2.75	-2.75	34.97	28.34	32.3	0.219	1485.0
900.0	-2.76	-2.76	34.98	28.35	32.0	0.221	1485.5
910.0	-2.77	-2.77	34.99	28.36	31.7	0.223	1486.0
920.0	-2.78	-2.78	35.00	28.37	31.4	0.225	1486.5
930.0	-2.79	-2.79	35.01	28.38	31.1	0.227	1487.0
940.0	-2.80	-2.80	35.02	28.39	30.8	0.229	1487.5
950.0	-2.81	-2.81	35.03	28.40	30.5	0.231	1488.0
960.0	-2.82	-2.82	35.04	28.41	30.2	0.233	1488.5
970.0	-2.83	-2.83	35.05	28.42	29.9	0.235	1489.0
980.0	-2.84	-2.84	35.06	28.43	29.6	0.237	1489.5
990.0	-2.85	-2.85	35.07	28.44	29.3	0.239	1490.0
1000.0	-2.86	-2.86	35.08	28.45	29.0	0.241	1490.5

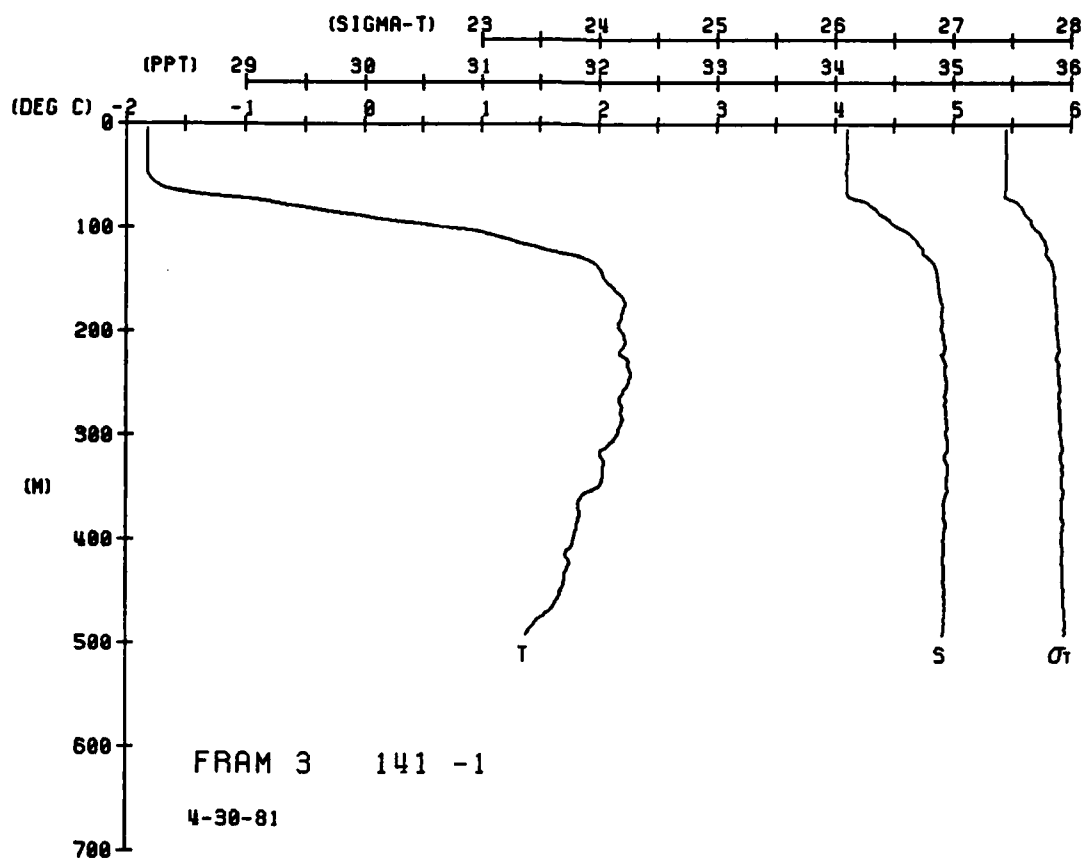
FRAM 3 STATION 140(1) CTD 30/APR/1981 927 GMT CUDE = 5
 LAT = 81.8727N LNG = 5.3568E LTR = 30. LGPK = 30.
 AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVUL	DYHNT	SOUND
0.0	1.80	-1.80	33.98	27.35	71.5	0.000	1439.5
5.0	-1.81	-1.81	33.99	27.36	71.5	0.003	1439.6
10.0	-1.82	-1.82	34.00	27.37	69.8	0.004	1439.6
15.0	-1.83	-1.83	34.01	27.38	68.7	0.007	1439.7
20.0	-1.84	-1.84	34.02	27.39	67.0	0.013	1439.7
25.0	-1.85	-1.85	34.03	27.40	65.1	0.019	1439.9
30.0	-1.86	-1.86	34.04	27.41	63.0	0.025	1440.0
35.0	-1.87	-1.87	34.05	27.42	60.6	0.028	1440.1
40.0	-1.88	-1.88	34.06	27.43	60.3	0.031	1440.2
45.0	-1.89	-1.89	34.07	27.44	59.1	0.034	1440.3
50.0	-1.90	-1.90	34.08	27.45	58.2	0.037	1440.6
55.0	-1.91	-1.91	34.09	27.46	57.4	0.040	1441.0
60.0	-1.92	-1.92	34.10	27.47	56.9	0.043	1441.6
65.0	-1.93	-1.93	34.11	27.48	56.2	0.045	1442.1
70.0	-1.94	-1.94	34.12	27.49	55.5	0.047	1442.5
75.0	-1.95	-1.95	34.13	27.50	54.8	0.049	1442.9
80.0	-1.96	-1.96	34.14	27.51	54.2	0.051	1443.5
85.0	-1.97	-1.97	34.15	27.52	53.5	0.053	1444.0
90.0	-1.98	-1.98	34.16	27.53	52.8	0.055	1444.4
95.0	-1.99	-1.99	34.17	27.54	52.1	0.057	1444.9
100.0	-2.00	-2.00	34.18	27.55	51.4	0.060	1445.3
110.0	-2.01	-2.01	34.19	27.56	50.7	0.062	1445.7
120.0	-2.02	-2.02	34.20	27.57	50.0	0.064	1446.2
130.0	-2.03	-2.03	34.21	27.58	49.3	0.067	1446.6
140.0	-2.04	-2.04	34.22	27.59	48.6	0.069	1447.1
150.0	-2.05	-2.05	34.23	27.60	47.9	0.071	1447.5
160.0	-2.06	-2.06	34.24	27.61	47.2	0.073	1448.0
170.0	-2.07	-2.07	34.25	27.62	46.5	0.075	1448.4
180.0	-2.08	-2.08	34.26	27.63	45.8	0.077	1448.9
190.0	-2.09	-2.09	34.27	27.64	45.1	0.079	1449.5
200.0	-2.10	-2.10	34.28	27.65	44.4	0.081	1450.0
210.0	-2.11	-2.11	34.29	27.66	43.7	0.083	1450.5
220.0	-2.12	-2.12	34.30	27.67	43.0	0.085	1451.0
230.0							

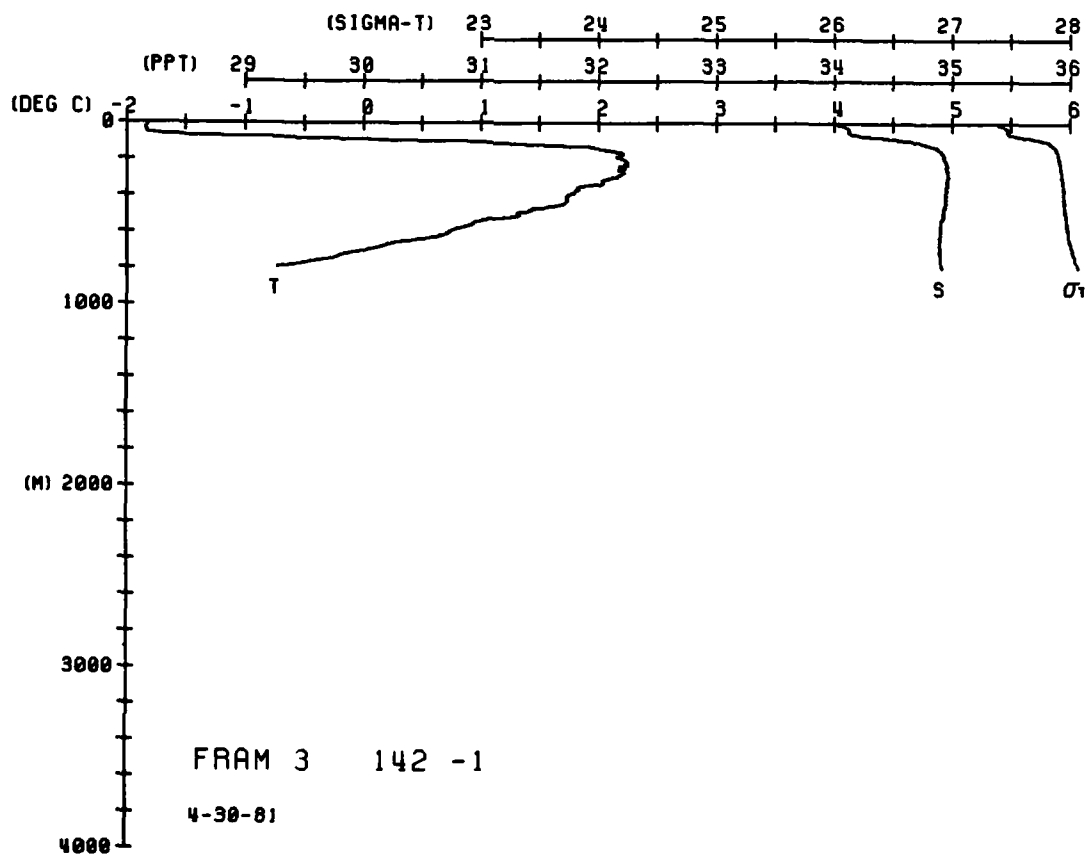
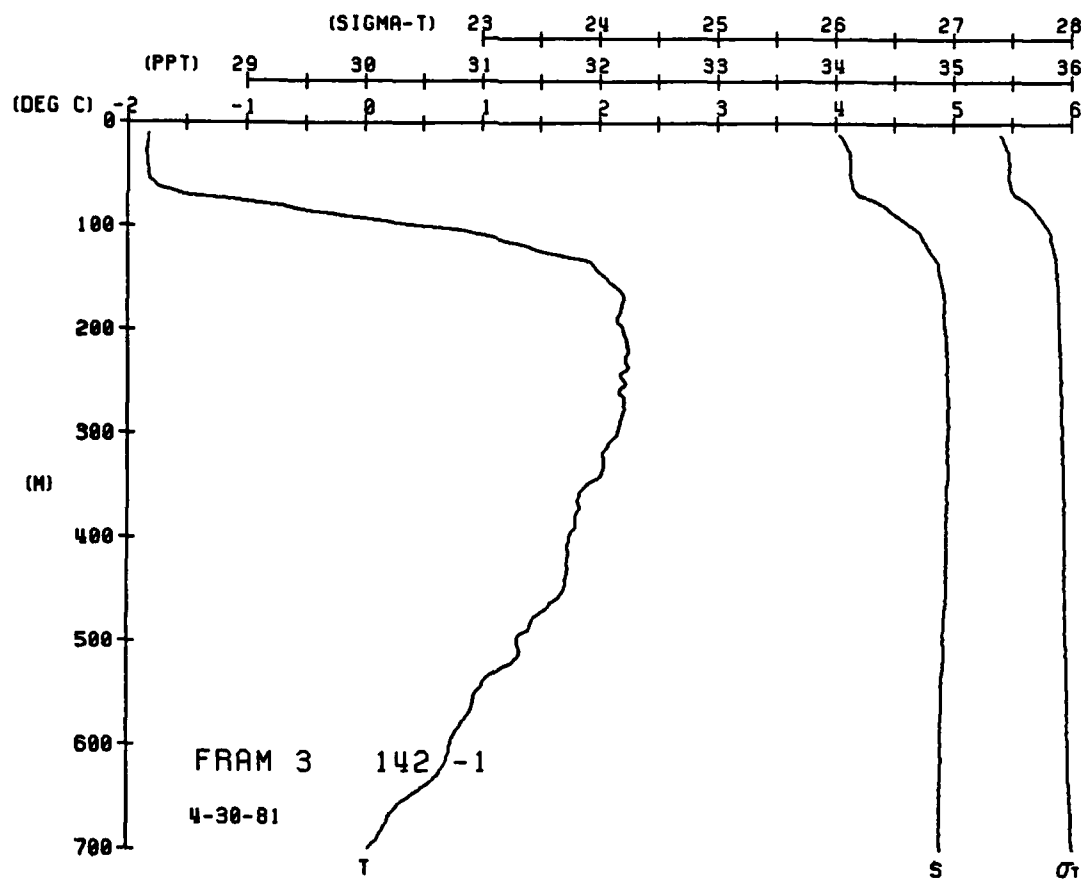


FRAM 3 STATION 141(1) CTD 30/APR/1981 930 GMT CODE = 5
 LAT = 61.8727N LNG = 5.3588E LTER = 30. LGER = 30.
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYAMT	SOUND
0.0	1.82	1.82	34.10	27.45	61.8	0.000	1439.6
0.4	1.82	1.82	34.10	27.45	61.8	0.002	1439.7
0.8	1.82	1.82	34.10	27.45	61.7	0.003	1439.7
1.2	1.82	1.82	34.10	27.45	61.7	0.006	1439.8
1.6	1.82	1.82	34.10	27.45	61.8	0.009	1439.9
2.0	1.82	1.82	34.10	27.45	61.8	0.013	1440.0
2.4	1.82	1.82	34.10	27.45	61.9	0.019	1440.1
2.8	1.82	1.82	34.10	27.45	61.9	0.022	1440.2
3.2	1.82	1.82	34.10	27.45	61.9	0.025	1440.3
3.6	1.82	1.82	34.10	27.45	61.9	0.028	1440.3
4.0	1.82	1.82	34.10	27.45	61.9	0.031	1440.5
4.4	1.82	1.82	34.10	27.45	61.9	0.034	1440.7
4.8	1.82	1.82	34.10	27.45	61.9	0.037	1441.1
5.2	1.82	1.82	34.10	27.45	61.9	0.041	1441.9
5.6	1.82	1.82	34.10	27.45	61.9	0.044	1443.8
6.0	1.82	1.82	34.10	27.45	61.9	0.047	1445.2
6.4	1.82	1.82	34.10	27.45	61.9	0.051	1447.7
6.8	1.82	1.82	34.10	27.45	61.9	0.054	1449.4
7.2	1.82	1.82	34.10	27.45	61.9	0.058	1451.9
7.6	1.82	1.82	34.10	27.45	61.9	0.061	1453.8
8.0	1.82	1.82	34.10	27.45	61.9	0.065	1455.5
8.4	1.82	1.82	34.10	27.45	61.9	0.070	1460.8
8.8	1.82	1.82	34.10	27.45	61.9	0.072	1460.5
9.2	1.82	1.82	34.10	27.45	61.9	0.075	1460.4
9.6	1.82	1.82	34.10	27.45	61.9	0.077	1460.9
10.0	1.82	1.82	34.10	27.45	61.9	0.079	1462.1
10.4	1.82	1.82	34.10	27.45	61.9	0.081	1463.4
10.8	1.82	1.82	34.10	27.45	61.9	0.084	1463.2
11.2	1.82	1.82	34.10	27.45	61.9	0.086	1463.6
11.6	1.82	1.82	34.10	27.45	61.9	0.088	1463.1
12.0	1.82	1.82	34.10	27.45	61.9	0.090	1463.4
12.4	1.82	1.82	34.10	27.45	61.9	0.092	1463.5
12.8	1.82	1.82	34.10	27.45	61.9	0.094	1463.4
13.2	1.82	1.82	34.10	27.45	61.9	0.096	1463.7
13.6	1.82	1.82	34.10	27.45	61.9	0.098	1463.8
14.0	1.82	1.82	34.10	27.45	61.9	0.100	1463.7
14.4	1.82	1.82	34.10	27.45	61.9	0.102	1463.8
14.8	1.82	1.82	34.10	27.45	61.9	0.104	1463.7
15.2	1.82	1.82	34.10	27.45	61.9	0.107	1463.6
15.6	1.82	1.82	34.10	27.45	61.9	0.109	1463.9
16.0	1.82	1.82	34.10	27.45	61.9	0.111	1463.5
16.4	1.82	1.82	34.10	27.45	61.9	0.113	1463.5
16.8	1.82	1.82	34.10	27.45	61.9	0.115	1463.6
17.2	1.82	1.82	34.10	27.45	61.9	0.117	1463.7
17.6	1.82	1.82	34.10	27.45	61.9	0.118	1463.9
18.0	1.82	1.82	34.10	27.45	61.9	0.120	1463.8
18.4	1.82	1.82	34.10	27.45	61.9	0.122	1463.8
18.8	1.82	1.82	34.10	27.45	61.9	0.124	1463.8
19.2	1.82	1.82	34.10	27.45	61.9	0.126	1463.8
19.6	1.82	1.82	34.10	27.45	61.9	0.127	1463.8
20.0	1.82	1.82	34.10	27.45	61.9	0.129	1463.8
20.4	1.82	1.82	34.10	27.45	61.9	0.131	1463.8
20.8	1.82	1.82	34.10	27.45	61.9	0.133	1463.8
21.2	1.82	1.82	34.10	27.45	61.9	0.134	1463.8
21.6	1.82	1.82	34.10	27.45	61.9	0.136	1463.8
22.0	1.82	1.82	34.10	27.45	61.9	0.137	1463.8
22.4	1.82	1.82	34.10	27.45	61.9	0.138	1463.8
22.8	1.82	1.82	34.10	27.45	61.9	0.139	1463.8
23.2	1.82	1.82	34.10	27.45	61.9	0.140	1463.8
23.6	1.82	1.82	34.10	27.45	61.9	0.141	1463.8
24.0	1.82	1.82	34.10	27.45	61.9	0.142	1463.8
24.4	1.82	1.82	34.10	27.45	61.9	0.143	1463.8
24.8	1.82	1.82	34.10	27.45	61.9	0.144	1463.8
25.2	1.82	1.82	34.10	27.45	61.9	0.145	1463.8
25.6	1.82	1.82	34.10	27.45	61.9	0.146	1463.8
26.0	1.82	1.82	34.10	27.45	61.9	0.147	1463.8
26.4	1.82	1.82	34.10	27.45	61.9	0.148	1463.8
26.8	1.82	1.82	34.10	27.45	61.9	0.149	1463.8
27.2	1.82	1.82	34.10	27.45	61.9	0.150	1463.8
27.6	1.82	1.82	34.10	27.45	61.9	0.151	1463.8
28.0	1.82	1.82	34.10	27.45	61.9	0.152	1463.8
28.4	1.82	1.82	34.10	27.45	61.9	0.153	1463.8
28.8	1.82	1.82	34.10	27.45	61.9	0.154	1463.8
29.2	1.82	1.82	34.10	27.45	61.9	0.155	1463.8
29.6	1.82	1.82	34.10	27.45	61.9	0.156	1463.8
30.0	1.82	1.82	34.10	27.45	61.9	0.157	1463.8
30.4	1.82	1.82	34.10	27.45	61.9	0.158	1463.8
30.8	1.82	1.82	34.10	27.45	61.9	0.159	1463.8
31.2	1.82	1.82	34.10	27.45	61.9	0.160	1463.8
31.6	1.82	1.82	34.10	27.45	61.9	0.161	1463.8
32.0	1.82	1.82	34.10	27.45	61.9	0.162	1463.8
32.4	1.82	1.82	34.10	27.45	61.9	0.163	1463.8
32.8	1.82	1.82	34.10	27.45	61.9	0.164	1463.8
33.2	1.82	1.82	34.10	27.45	61.9	0.165	1463.8
33.6	1.82	1.82	34.10	27.45	61.9	0.166	1463.8
34.0	1.82	1.82	34.10	27.45	61.9	0.167	1463.8
34.4	1.82	1.82	34.10	27.45	61.9	0.168	1463.8
34.8	1.82	1.82	34.10	27.45	61.9	0.169	1463.8
35.2	1.82	1.82	34.10	27.45	61.9	0.170	1463.8
35.6	1.82	1.82	34.10	27.45	61.9	0.171	1463.8
36.0	1.82	1.82	34.10	27.45	61.9	0.172	1463.8
36.4	1.82	1.82	34.10	27.45	61.9	0.173	1463.8
36.8	1.82	1.82	34.10	27.45	61.9	0.174	1463.8
37.2	1.82	1.82	34.10	27.45	61.9	0.175	1463.8
37.6	1.82	1.82	34.10	27.45	61.9	0.176	1463.8
38.0	1.82	1.82	34.10	27.45	61.9	0.177	1463.8
38.4	1.82	1.82	34.10	27.45	61.9	0.178	1463.8
38.8	1.82	1.82	34.10	27.45	61.9	0.179	1463.8
39.2	1.82	1.82	34.10	27.45	61.9	0.180	1463.8
39.6	1.82	1.82	34.10	27.45	61.9	0.181	1463.8
40.0	1.82	1.82	34.10	27.45	61.9	0.182	1463.8
40.4	1.82	1.82	34.10	27.45	61.9	0.183	1463.8
40.8	1.82	1.82	34.10	27.45	61.9	0.184	1463.8
41.2	1.82	1.82	34.10	27.45	61.9	0.185	1463.8
41.6	1.82	1.82	34.10	27.45	61.9	0.186	1463.8
42.0	1.82	1.82	34.10	27.45	61.9	0.187	1463.8
42.4	1.82	1.82	34.10	27.45	61.9	0.188	1463.8
42.8	1.82	1.82	34.10	27.45	61.9	0.189	1463.8
43.2	1.82	1.82	34.10	27.45	61.9	0.190	1463.8
43.6	1.82	1.82	34.10	27.45	61.9	0.191	1463.8
44.0	1.82	1.82	34.10	27.45	61.9	0.192	1463.8
44.4	1.82	1.82	34.10	27.45	61.9	0.193	1463.8
44.8	1.82	1.82	34.10	27.45	61.9	0.194	1463.8
45.2	1.82	1.82	34.10	27.45	61.9	0.195	1463.8
45.6	1.82	1.82	34.10	27.45	61.9	0.196	1463.8
46.0	1.82	1.82	34.10	27.45	61.9	0.197	1463.8
46.4	1.82	1.82	34.10	27.45	61.9	0.198	1463.8
46.8	1.82	1.82	34.10	27.45	61.9	0.199	1463.8
47.2	1.82	1.82	34.10	27.45	61.9	0.200	1463.8
47.6	1.82	1.82	34.10	27.45	61.9	0.201	1463.8
48.0	1.82	1.82	34.10	27.45	61.9	0.202	1463.8
48.4	1.82	1.82	34.10	27.45	61.9	0.203	1463.8
48.8	1.82	1.82	34.10	27.45	61.9	0.204	1463.8
49.2	1.82	1.82	34.10	27.45	61.9	0.205	1463.8
49.6	1.82	1.82	34.10	27.45	61.9	0.206	1463.8
50.0	1.82	1.82	34.10	27.45	61.9	0.207	1463.8



DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.82	-1.82	34.04	27.40	67.1	0.000	1439.5	710.0	-0.08	-0.11	34.90	28.03	7.0	0.156	1460.6
5.0	-1.82	-1.82	34.04	27.40	67.1	0.003	1439.6	740.0	-0.23	-0.26	34.90	28.04	5.8	0.157	1460.4
10.0	-1.82	-1.82	34.04	27.40	67.0	0.007	1439.7	790.0	-0.70	-0.73	34.91	28.07	2.0	0.159	1459.1
100.0	-1.82	-1.82	34.04	27.40	67.0	0.007	1439.7	800.8	-0.73	-0.76	34.89	28.06	3.1	0.160	1459.1

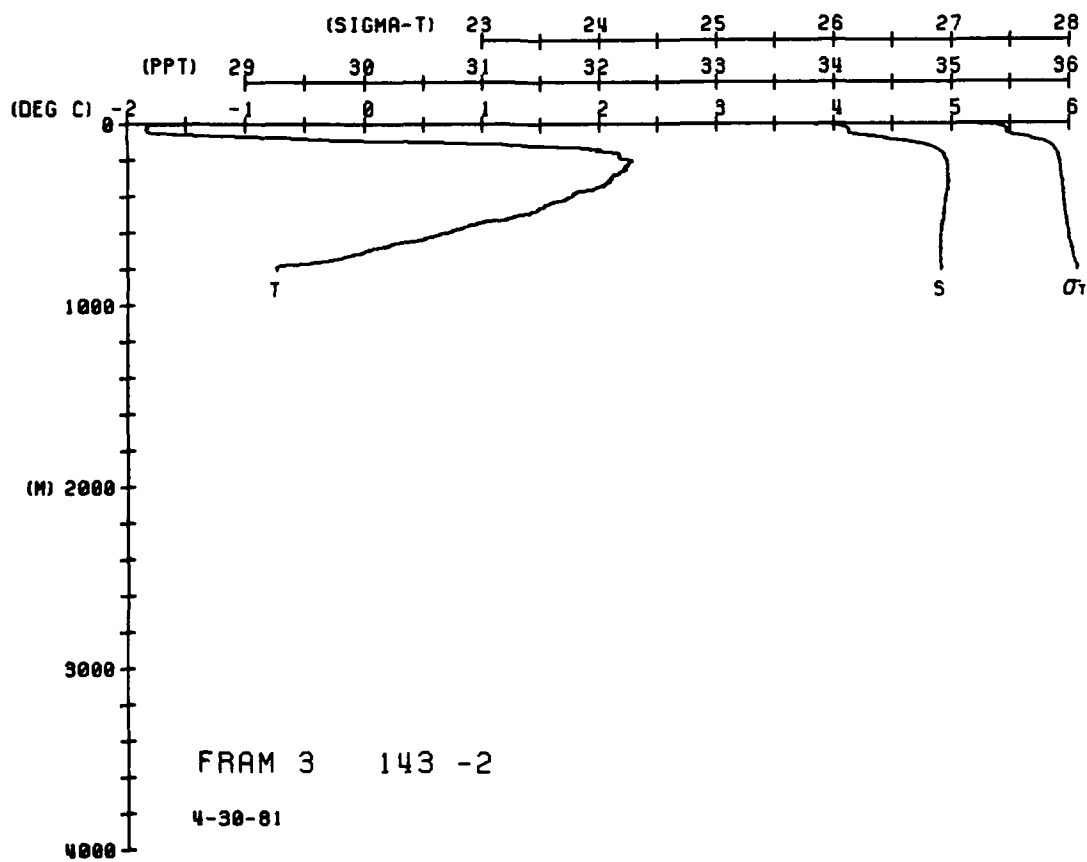
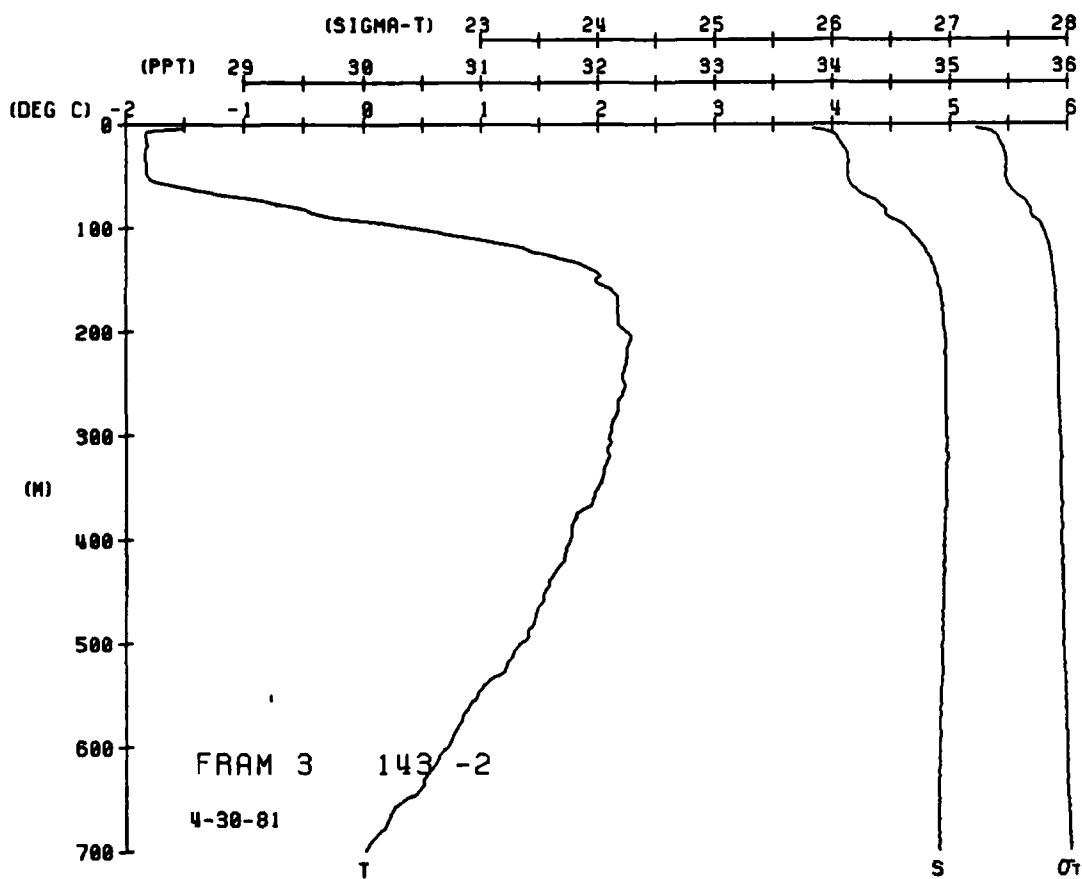


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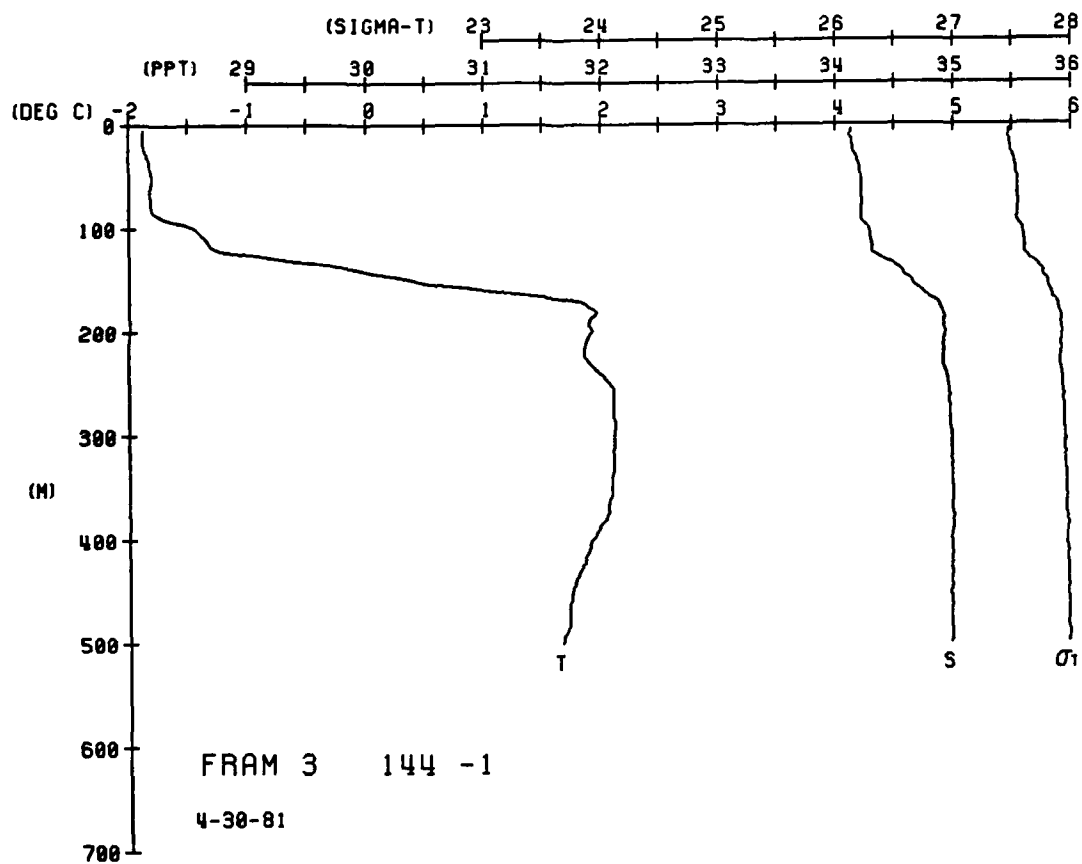
FRAM 3 STATION 143(2) CTD 30/APR/1981 1117 GMT CUDE = 5
LAT = 41.8713N LNG = 5.3585E LTER = 30. LGR = 30.
AIR TEMP = 0.0 HADRM = 0.0 WIND = 0.0 SPEED = 0.0

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DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.37	-1.37	33.78	27.17	88.2	0.000	1441.3	0.0	-0.01	-0.05	34.91	28.03	6.8	0.154	1460.9
0.40	-1.37	-1.37	33.78	27.17	88.2	0.004	1441.7	0.40	-0.20	-0.23	34.91	28.04	5.6	0.156	1460.6
0.80	-1.37	-1.37	33.84	27.23	82.6	0.004	1440.7	0.80	-0.71	-0.71	34.92	28.08	0.8	0.139	1458.9
1.00	-1.83	-1.83	34.03	27.39	67.5	0.008	1439.6	1.00	-0.74	-0.77	34.91	28.07	1.8	0.138	1459.2



DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	-1.88	-1.88	34.13	27.48	59.3	0.000	1439.4
5.0	-1.88	-1.88	34.13	27.48	59.3	0.002	1439.4
10.0	-1.88	-1.88	34.14	27.48	59.3	0.006	1439.5
15.0	-1.87	-1.87	34.14	27.49	58.5	0.009	1439.7
20.0	-1.86	-1.86	34.15	27.49	57.7	0.012	1439.9
25.0	-1.84	-1.84	34.19	27.51	56.8	0.018	1440.1
30.0	-1.82	-1.82	34.21	27.54	54.3	0.023	1440.3
35.0	-1.81	-1.81	34.22	27.55	53.3	0.026	1440.5
40.0	-1.80	-1.81	34.22	27.55	52.7	0.029	1440.7
45.0	-1.80	-1.81	34.22	27.55	52.4	0.031	1440.8
50.0	-1.80	-1.82	34.22	27.55	52.2	0.034	1440.8
55.0	-1.81	-1.82	34.22	27.55	52.2	0.037	1440.8
60.0	-1.81	-1.81	34.22	27.55	52.1	0.039	1440.9
65.0	-1.81	-1.81	34.22	27.55	52.1	0.042	1441.0
70.0	-1.81	-1.81	34.22	27.55	52.5	0.045	1441.1
75.0	-1.79	-1.79	34.22	27.55	52.5	0.047	1441.1
80.0	-1.71	-1.71	34.22	27.54	52.9	0.050	1441.8
85.0	-1.54	-1.54	34.24	27.59	51.6	0.053	1442.5
90.0	-1.43	-1.43	34.29	27.60	48.2	0.055	1443.3
100.0	-1.27	-1.27	34.32	27.61	46.5	0.060	1443.5
110.0	-1.06	-1.06	34.41	27.66	41.7	0.065	1444.5
120.0	-0.86	-0.86	34.56	27.75	33.3	0.073	1450.7
130.0	-0.40	-0.40	34.64	27.82	29.3	0.076	1453.1
140.0	-0.07	-0.06	34.73	27.87	27.1	0.079	1459.9
150.0	1.79	1.78	34.85	27.90	23.2	0.081	1459.9
160.0	1.96	1.95	34.91	27.91	20.4	0.084	1460.9
170.0	1.90	1.89	34.92	27.92	19.1	0.086	1461.1
180.0	1.92	1.91	34.92	27.92	19.3	0.089	1461.1
190.0	1.86	1.87	34.92	27.92	18.9	0.091	1461.2
200.0	1.91	1.90	34.92	27.91	19.4	0.093	1461.6
210.0	2.00	1.99	34.95	27.93	18.1	0.095	1462.7
220.0	2.08	2.07	34.96	27.94	17.5	0.099	1463.0
230.0	2.12	2.10	34.97	27.94	17.1	0.101	1463.2
240.0	2.11	2.09	34.97	27.94	17.3	0.102	1463.4
250.0	2.13	2.11	34.97	27.94	17.2	0.104	1463.7
260.0	2.12	2.10	34.99	27.95	16.4	0.106	1463.9
270.0	2.11	2.10	34.99	27.95	16.5	0.107	1464.0
280.0	2.11	2.09	34.98	27.95	16.5	0.109	1464.2
290.0	2.10	2.08	34.99	27.96	16.6	0.111	1464.3
300.0	2.10	2.08	34.99	27.96	16.6	0.114	1464.5
310.0	2.08	2.06	35.00	27.96	15.6	0.116	1464.6
320.0	2.07	2.06	34.99	27.96	15.6	0.117	1464.7
330.0	2.04	2.02	35.00	27.97	15.1	0.119	1464.7
340.0	1.98	1.96	34.99	27.96	15.0	0.120	1464.6
350.0	1.93	1.91	34.98	27.96	15.4	0.122	1464.6
360.0	1.90	1.88	34.98	27.97	14.9	0.123	1464.6
370.0	1.84	1.84	34.98	27.97	14.9	0.125	1464.6
380.0	1.82	1.80	34.98	27.97	14.6	0.126	1464.6
390.0	1.77	1.76	34.98	27.97	14.4	0.128	1464.6
400.0	1.75	1.73	34				

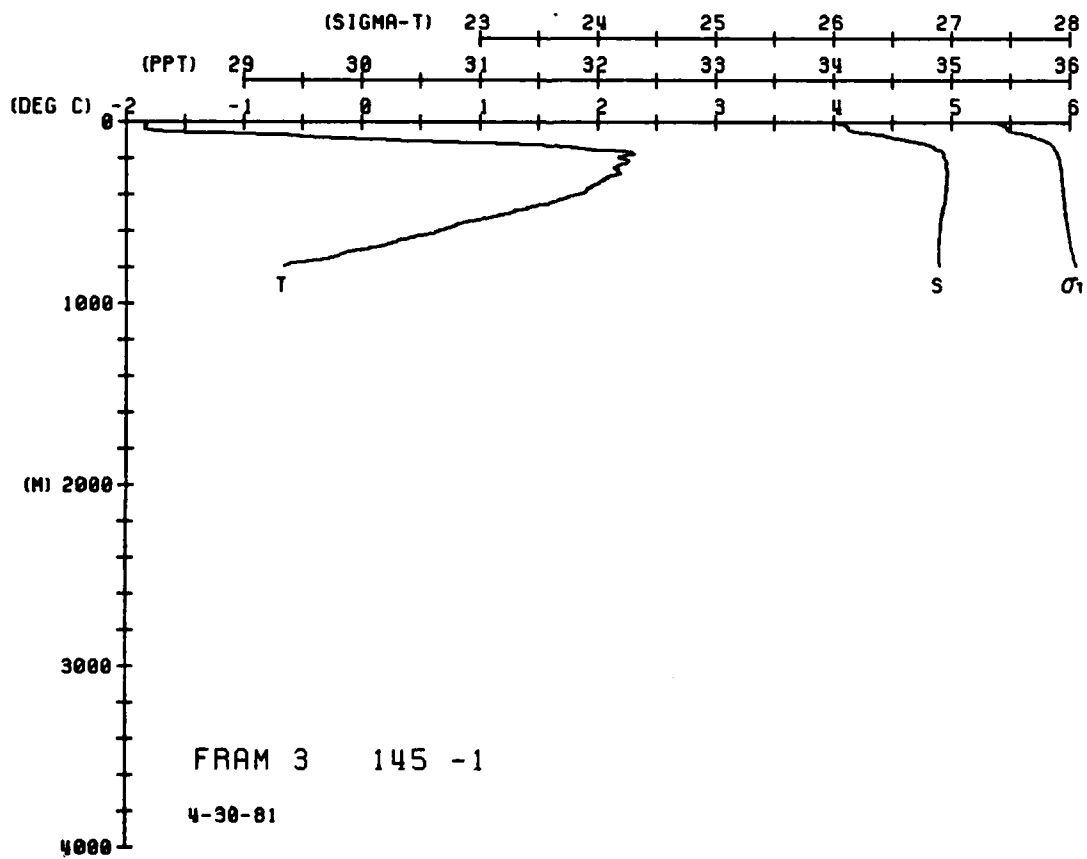
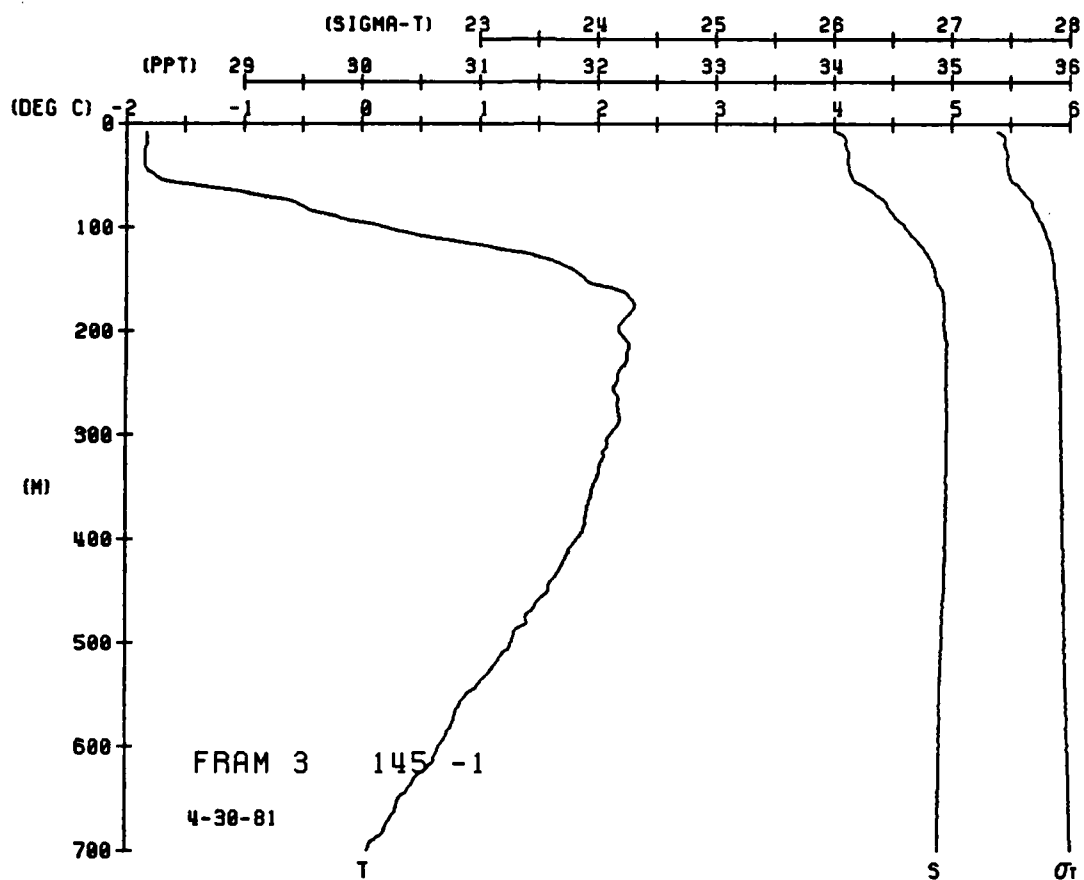


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FRAM 3 STATION 145(1) CTD 30/APR/1981 1413 GMT CUDE = 5
LAT = 81.8650N LNG = 5.3515E LTER = 30 LGR = 30
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

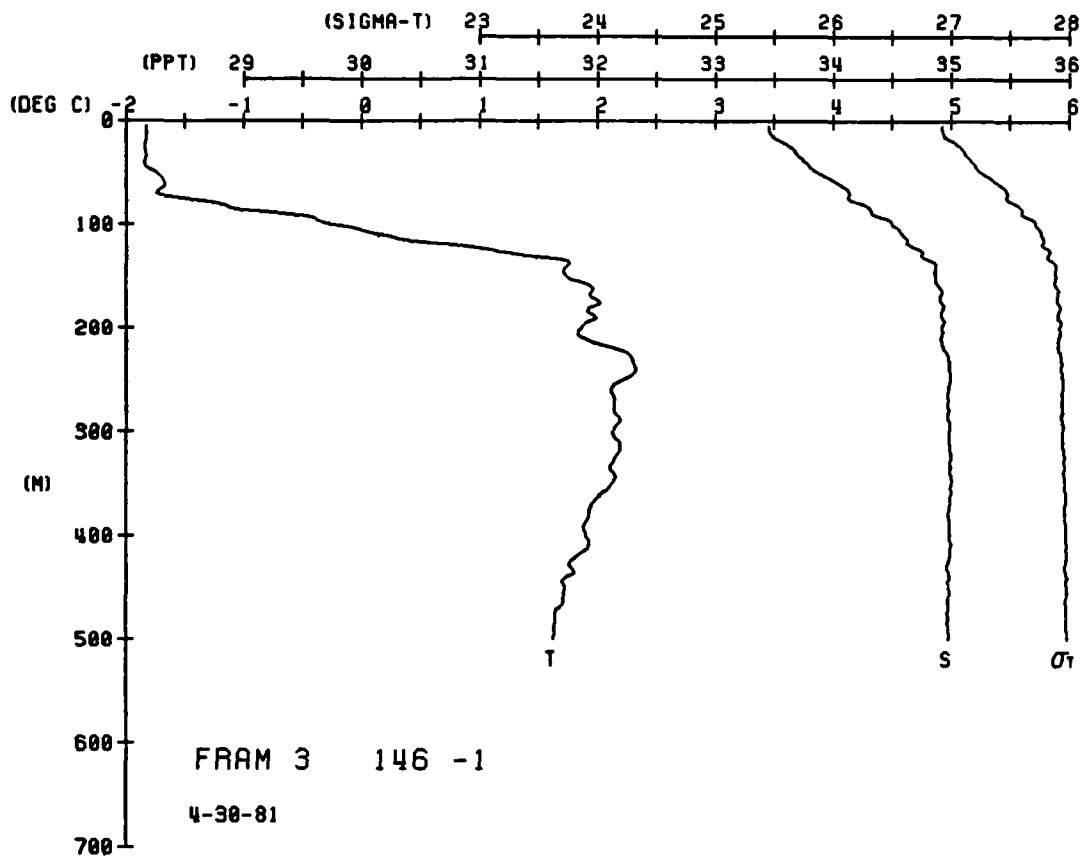
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DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	83.3	83.3	34.03	27.39	67.99	0.000	1439.45
5	83.3	83.3	34.03	27.39	67.99	0.003	1439.60
10	83.3	83.3	34.03	27.43	64.43	0.007	1439.88
15	83.3	83.3	34.03	27.45	62.33	0.013	1439.90
20	83.3	83.3	34.03	27.49	59.08	0.019	1440.12
25	83.3	83.3	34.03	27.47	59.33	0.025	1440.48
30	83.3	83.3	34.03	27.48	55.58	0.028	1440.38
35	83.3	83.3	34.03	27.51	50.90	0.034	1441.38
40	83.3	83.3	34.03	27.51	47.33	0.039	1442.68
45	83.3	83.3	34.03	27.55	43.39	0.042	1444.50
50	83.3	83.3	34.03	27.55	39.39	0.044	1447.16
55	83.3	83.3	34.03	27.58	39.39	0.046	1447.63
60	83.3	83.3	34.03	27.69	36.18	0.048	1448.32
65	83.3	83.3	34.03	27.72	35.18	0.050	1449.34
70	83.3	83.3	34.03	27.73	32.07	0.051	1450.34
75	83.3	83.3	34.03	27.76	30.77	0.053	1451.44
80	83.3	83.3	34.03	27.81	27.53	0.056	1453.33
85	83.3	83.3	34.03	27.85	22.53	0.058	1456.24
90	83.3	83.3	34.03	27.85	22.53	0.061	1459.24
95	83.3	83.3	34.03	27.87	22.53	0.063	1459.24
100	83.3	83.3	34.03	27.88	22.53	0.066	1460.16
105	83.3	83.3	34.03	27.89	20.04	0.068	1461.34
110	83.3	83.3	34.03	27.90	20.04	0.070	1462.34
115	83.3	83.3	34.03	27.91	19.04	0.074	1462.33
120	83.3	83.3	34.03	27.91	18.97	0.076	1462.80
125	83.3	83.3	34.03	27.92	18.97	0.080	1463.10
130	83.3	83.3	34.03	27.92	18.53	0.082	1463.10
135	83.3	83.3	34.03	27.93	18.53	0.085	1463.25
140	83.3	83.3	34.03	27.93	17.89	0.087	1463.57
145	83.3	83.3	34.03	27.93	17.80	0.091	1463.86
150	83.3	83.3	34.03	27.93	17.98	0.093	1463.67
155	83.3	83.3	34.03	27.93	17.98	0.095	1463.78
160	83.3	83.3	34.03	27.94	17.98	0.098	1463.89
165	83.3	83.3	34.03	27.94	17.98	0.102	1463.99
170	83.3	83.3	34.03	27.94	17.98	0.103	1463.99
175	83.3	83.3	34.03	27.95	16.88	0.105	1464.01
180	83.3	83.3	34.03	27.95	16.88	0.109	1464.21
185	83.3	83.3	34.03	27.95	16.88	0.112	1464.09
190	83.3	83.3	34.03	27.95	16.88	0.114	1464.09
195	83.3	83.3	34.03	27.95	16.88	0.115	1464.09
200	83.3	83.3	34.03	27.96	16.88	0.117	1464.09
205	83.3	83.3	34.03	27.96	16.88	0.119	1464.09
210	83.3	83.3	34.03	27.96	16.88	0.120	1464.09
215	83.3	83.3	34.03	27.96	16.88	0.122	1464.09
220	83.3	83.3	34.03	27.96	16.88	0.123	1464.09
225	83.3	83.3	34.03	27.97	15.54	0.125	1464.09
230	83.3	83.3	34.03	27.97	15.54	0.126	1464.09
235	83.3	83.3	34.03	27.97	15.54	0.128	1464.09
240	83.3	83.3	34.03	27.97	15.54		



FROM J STATION 146(1) CTU 30/APR/1981 1442 GMT CODE = S
 LAT = 42.0150N LNG = 0.1867E LTER = 300. LGER = 300.
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	1.83	1.83	33.45	26.92	112.4	0.000	1438.6
5.0	1.83	1.83	33.45	26.92	112.4	0.005	1438.7
10.0	1.83	1.83	33.45	26.92	112.4	0.010	1438.8
15.0	1.83	1.83	33.45	26.92	112.4	0.015	1438.9
20.0	1.83	1.83	33.45	26.92	112.4	0.020	1439.0
25.0	1.83	1.83	33.45	26.92	112.4	0.025	1439.1
30.0	1.83	1.83	33.45	26.92	112.4	0.030	1439.2
35.0	1.83	1.83	33.45	26.92	112.4	0.035	1439.3
40.0	1.83	1.83	33.45	26.92	112.4	0.040	1439.4
45.0	1.83	1.83	33.45	26.92	112.4	0.045	1439.5
50.0	1.83	1.83	33.45	26.92	112.4	0.050	1439.6
55.0	1.83	1.83	33.45	26.92	112.4	0.055	1439.7
60.0	1.83	1.83	33.45	26.92	112.4	0.060	1439.8
65.0	1.83	1.83	33.45	26.92	112.4	0.065	1439.9
70.0	1.83	1.83	33.45	26.92	112.4	0.070	1440.0
75.0	1.83	1.83	33.45	26.92	112.4	0.075	1440.1
80.0	1.83	1.83	33.45	26.92	112.4	0.080	1440.2
85.0	1.83	1.83	33.45	26.92	112.4	0.085	1440.3
90.0	1.83	1.83	33.45	26.92	112.4	0.090	1440.4
95.0	1.83	1.83	33.45	26.92	112.4	0.095	1440.5
100.0	1.83	1.83	33.45	26.92	112.4	0.100	1440.6
105.0	1.83	1.83	33.45	26.92	112.4	0.105	1440.7
110.0	1.83	1.83	33.45	26.92	112.4	0.110	1440.8
115.0	1.83	1.83	33.45	26.92	112.4	0.115	1440.9
120.0	1.83	1.83	33.45	26.92	112.4	0.120	1441.0
125.0	1.83	1.83	33.45	26.92	112.4	0.125	1441.1
130.0	1.83	1.83	33.45	26.92	112.4	0.130	1441.2
135.0	1.83	1.83	33.45	26.92	112.4	0.135	1441.3
140.0	1.83	1.83	33.45	26.92	112.4	0.140	1441.4
145.0	1.83	1.83	33.45	26.92	112.4	0.145	1441.5
150.0	1.83	1.83	33.45	26.92	112.4	0.150	1441.6
155.0	1.83	1.83	33.45	26.92	112.4	0.155	1441.7
160.0	1.83	1.83	33.45	26.92	112.4	0.160	1441.8
165.0	1.83	1.83	33.45	26.92	112.4	0.165	1441.9
170.0	1.83	1.83	33.45	26.92	112.4	0.170	1442.0
175.0	1.83	1.83	33.45	26.92	112.4	0.175	1442.1
180.0	1.83	1.83	33.45	26.92	112.4	0.180	1442.2
185.0	1.83	1.83	33.45	26.92	112.4	0.185	1442.3
190.0	1.83	1.83	33.45	26.92	112.4	0.190	1442.4
195.0	1.83	1.83	33.45	26.92	112.4	0.195	1442.5
200.0	1.83	1.83	33.45	26.92	112.4	0.200	1442.6
205.0	1.83	1.83	33.45	26.92	112.4	0.205	1442.7
210.0	1.83	1.83	33.45	26.92	112.4	0.210	1442.8
215.0	1.83	1.83	33.45	26.92	112.4	0.215	1442.9
220.0	1.83	1.83	33.45	26.92	112.4	0.220	1443.0
225.0	1.83	1.83	33.45	26.92	112.4	0.225	1443.1
230.0	1.83	1.83	33.45	26.92	112.4	0.230	1443.2
235.0	1.83	1.83	33.45	26.92	112.4	0.235	1443.3
240.0	1.83	1.83	33.45	26.92	112.4	0.240	1443.4
245.0	1.83	1.83	33.45	26.92	112.4	0.245	1443.5
250.0	1.83	1.83	33.45	26.92	112.4	0.250	1443.6
255.0	1.83	1.83	33.45	26.92	112.4	0.255	1443.7
260.0	1.83	1.83	33.45	26.92	112.4	0.260	1443.8
265.0	1.83	1.83	33.45	26.92	112.4	0.265	1443.9
270.0	1.83	1.83	33.45	26.92	112.4	0.270	1444.0
275.0	1.83	1.83	33.45	26.92	112.4	0.275	1444.1
280.0	1.83	1.83	33.45	26.92	112.4	0.280	1444.2
285.0	1.83	1.83	33.45	26.92	112.4	0.285	1444.3
290.0	1.83	1.83	33.45	26.92	112.4	0.290	1444.4
295.0	1.83	1.83	33.45	26.92	112.4	0.295	1444.5
300.0	1.83	1.83	33.45	26.92	112.4	0.300	1444.6
305.0	1.83	1.83	33.45	26.92	112.4	0.305	1444.7
310.0	1.83	1.83	33.45	26.92	112.4	0.310	1444.8
315.0	1.83	1.83	33.45	26.92	112.4	0.315	1444.9
320.0	1.83	1.83	33.45	26.92	112.4	0.320	1445.0
325.0	1.83	1.83	33.45	26.92	112.4	0.325	1445.1
330.0	1.83	1.83	33.45	26.92	112.4	0.330	1445.2
335.0	1.83	1.83	33.45	26.92	112.4	0.335	1445.3
340.0	1.83	1.83	33.45	26.92	112.4	0.340	1445.4
345.0	1.83	1.83	33.45	26.92	112.4	0.345	1445.5
350.0	1.83	1.83	33.45	26.92	112.4	0.350	1445.6
355.0	1.83	1.83	33.45	26.92	112.4	0.355	1445.7
360.0	1.83	1.83	33.45	26.92	112.4	0.360	1445.8
365.0	1.83	1.83	33.45	26.92	112.4	0.365	1445.9
370.0	1.83	1.83	33.45	26.92	112.4	0.370	1446.0
375.0	1.83	1.83	33.45	26.92	112.4	0.375	1446.1
380.0	1.83	1.83	33.45	26.92	112.4	0.380	1446.2
385.0	1.83	1.83	33.45	26.92	112.4	0.385	1446.3
390.0	1.83	1.83	33.45	26.92	112.4	0.390	1446.4
395.0	1.83	1.83	33.45	26.92	112.4	0.395	1446.5
400.0	1.83	1.83	33.45	26.92	112.4	0.400	1446.6
405.0	1.83	1.83	33.45	26.92	112.4	0.405	1446.7
410.0	1.83	1.83	33.45	26.92	112.4	0.410	1446.8
415.0	1.83	1.83	33.45	26.92	112.4	0.415	1446.9
420.0	1.83	1.83	33.45	26.92	112.4	0.420	1447.0
425.0	1.83	1.83	33.45	26.92	112.4	0.425	1447.1
430.0	1.83	1.83	33.45	26.92	112.4	0.430	1447.2
435.0	1.83	1.83	33.45	26.92	112.4	0.435	1447.3
440.0	1.83	1.83	33.45	26.92	112.4	0.440	1447.4
445.0	1.83	1.83	33.45	26.92	112.4	0.445	1447.5
450.0	1.83	1.83	33.45	26.92	112.4	0.450	1447.6
455.0	1.83	1.83	33.45	26.92	112.4	0.455	1447.7
460.0	1.83	1.83	33.45	26.92	112.4	0.460	1447.8
465.0	1.83	1.83	33.45	26.92	112.4	0.465	1447.9
470.0	1.83	1.83	33.45	26.92	112.4	0.470	1448.0
475.0	1.83	1.83	33.45	26.92	112.4	0.475	1448.1
480.0	1.83	1.83	33.45	26.92	112.4	0.480	1448.2
485.0	1.83	1.83	33.45	26.92	112.4	0.485	1448.3
490.0	1.83	1.83	33.45	26.92	112.4	0.490	1448.4
495.0	1.83	1.83	33.45	26.92	112.4	0.495	1448.5
500.0	1.83	1.83	33.45	26.92	112.4	0.500	1448.6

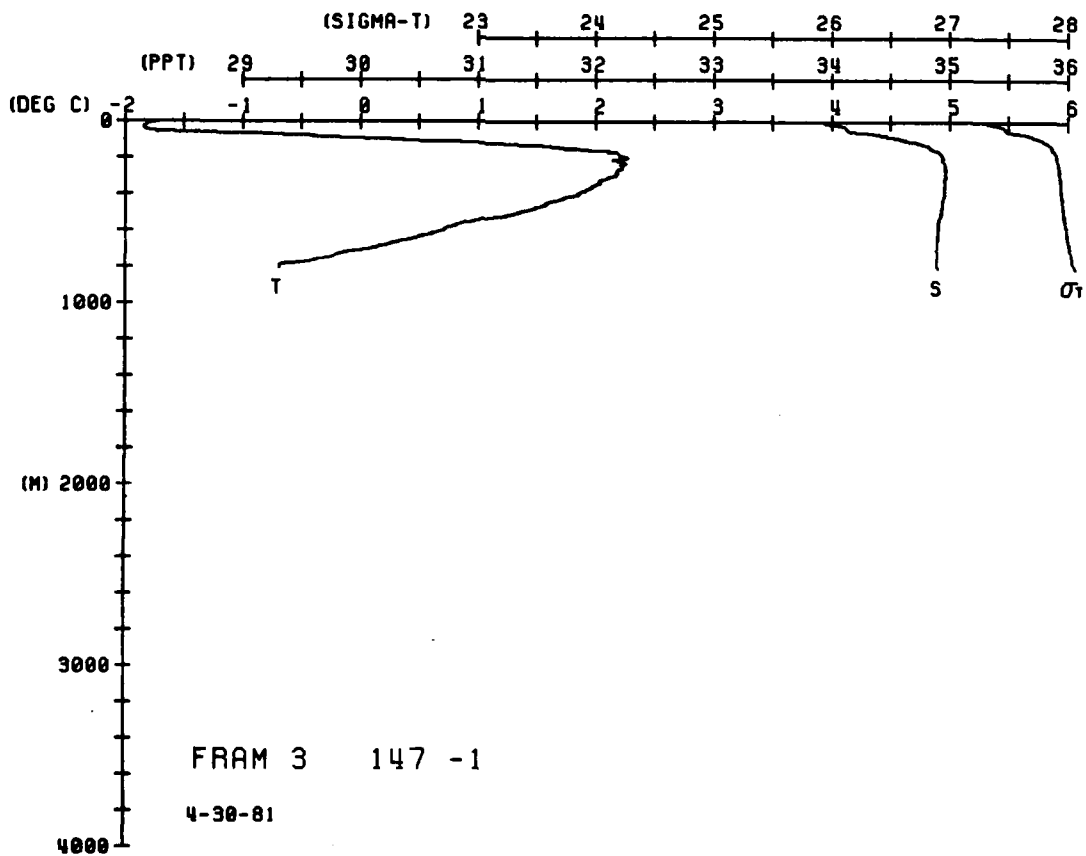
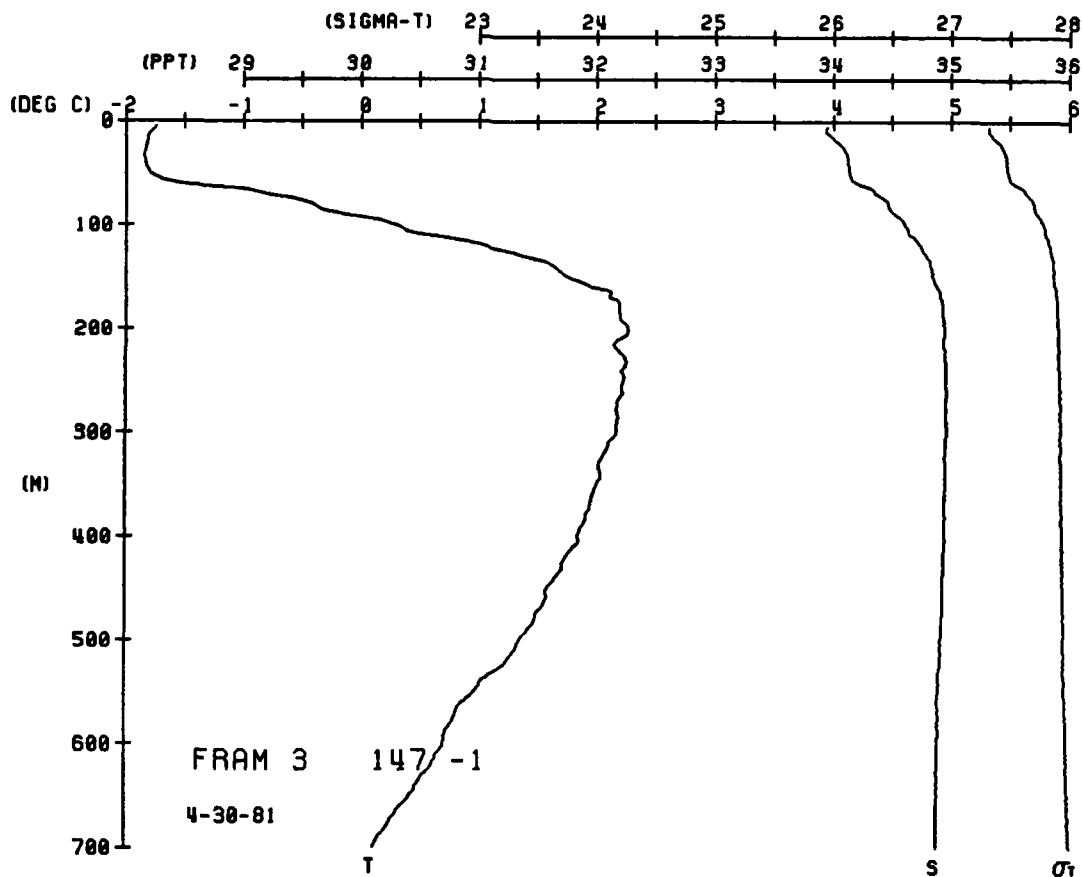


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FRAM 3 STATION 147(1) CTU 30/APH/1981 144H GMT CUDE = 5
LAT = 81.8622N LNG = 5.3497E LTEN = 30 LGEM = 30.8
AIR TEMP = 0.0 HANUM = 0.0 WIND = 0.0 SPEED = 0.0

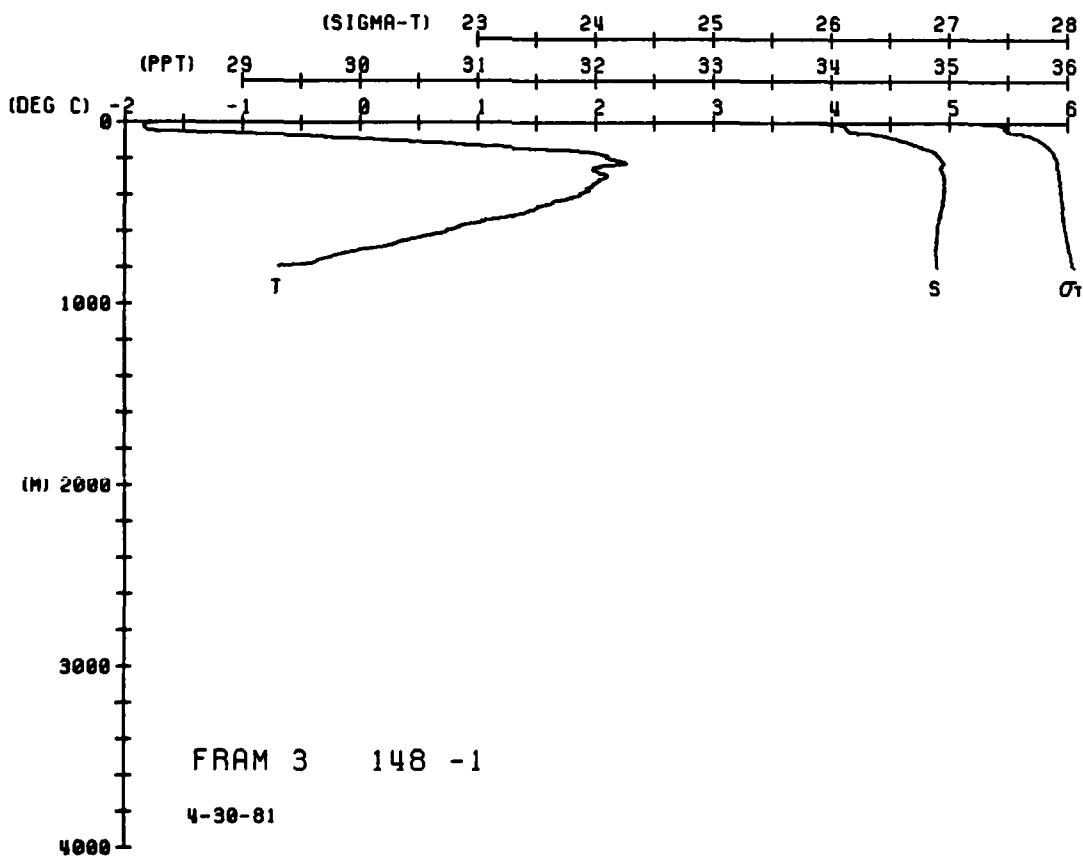
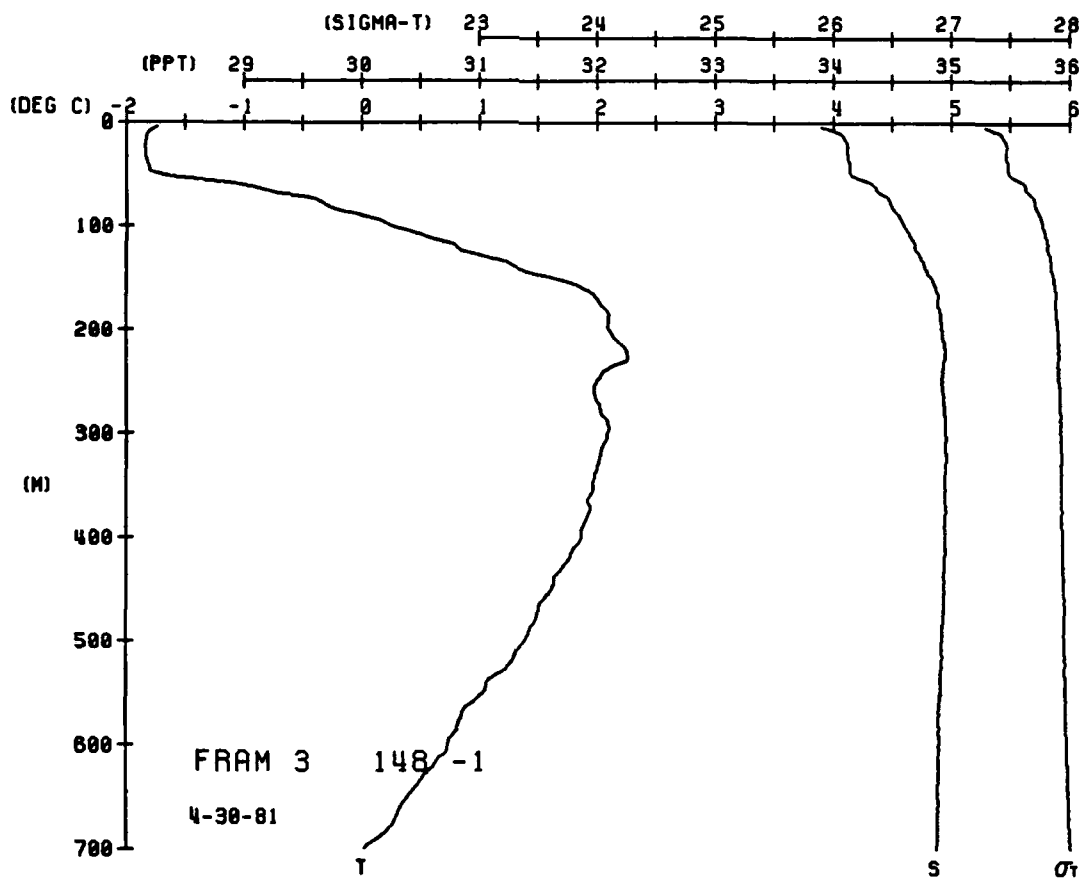
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DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	74.4	-1.74	33.95	27.33	73.7	0.000	1439.8
5	74.4	-1.74	33.95	27.33	73.7	0.003	1439.8
10	74.4	-1.74	33.95	27.33	73.7	0.009	1439.8
15	74.4	-1.74	33.95	27.33	73.7	0.015	1439.8
20	74.4	-1.74	33.95	27.33	73.7	0.018	1439.8
25	74.4	-1.74	33.95	27.33	73.7	0.024	1439.8
30	74.4	-1.74	33.95	27.33	73.7	0.027	1439.8
35	74.4	-1.74	33.95	27.33	73.7	0.030	1439.8
40	74.4	-1.74	33.95	27.33	73.7	0.033	1439.8
45	74.4	-1.74	33.95	27.33	73.7	0.039	1439.8
50	74.4	-1.74	33.95	27.33	73.7	0.041	1439.8
55	74.4	-1.74	33.95	27.33	73.7	0.044	1439.8
60	74.4	-1.74	33.95	27.33	73.7	0.046	1439.8
65	74.4	-1.74	33.95	27.33	73.7	0.048	1439.8
70	74.4	-1.74	33.95	27.33	73.7	0.050	1439.8
75	74.4	-1.74	33.95	27.33	73.7	0.051	1439.8
80	74.4	-1.74	33.95	27.33	73.7	0.053	1439.8
85	74.4	-1.74	33.95	27.33	73.7	0.055	1439.8
90	74.4	-1.74	33.95	27.33	73.7	0.058	1439.8
95	74.4	-1.74	33.95	27.33	73.7	0.060	1439.8
100	74.4	-1.74	33.95	27.33	73.7	0.063	1439.8
105	74.4	-1.74	33.95	27.33	73.7	0.068	1439.8
110	74.4	-1.74	33.95	27.33	73.7	0.072	1439.8
115	74.4	-1.74	33.95	27.33	73.7	0.074	1439.8
120	74.4	-1.74	33.95	27.33	73.7	0.078	1439.8
125	74.4	-1.74	33.95	27.33	73.7	0.080	1439.8
130	74.4	-1.74	33.95	27.33	73.7	0.082	1439.8
135	74.4	-1.74	33.95	27.33	73.7	0.084	1439.8
140	74.4	-1.74	33.95	27.33	73.7	0.086	1439.8
145	74.4	-1.74	33.95	27.33	73.7	0.088	1439.8
150	74.4	-1.74	33.95	27.33	73.7	0.090	1439.8
155	74.4	-1.74	33.95	27.33	73.7	0.092	1439.8
160	74.4	-1.74	33.95	27.33	73.7	0.093	1439.8
165	74.4	-1.74	33.95	27.33	73.7	0.095	1439.8
170	74.4	-1.74	33.95	27.33	73.7	0.097	1439.8
175	74.4	-1.74	33.95	27.33	73.7	0.099	1439.8
180	74.4	-1.74	33.95	27.33	73.7	0.101	1439.8
185	74.4	-1.74	33.95	27.33	73.7	0.102	1439.8
190	74.4	-1.74	33.95	27.33	73.7	0.104	1439.8
195	74.4	-1.74	33.95	27.33	73.7	0.106	1439.8
200	74.4	-1.74	33.95	27.33	73.7	0.108	1439.8
205	74.4	-1.74	33.95	27.33	73.7	0.110	1439.8
210	74.4	-1.74	33.95	27.33	73.7	0.111	1439.8
215	74.4	-1.74	33.95	27.33	73.7	0.113	1439.8
220	74.4	-1.74	33.95	27.33	73.7	0.115	1439.8
225	74.4	-1.74	33.95	27.33	73.7	0.118	1439.8
230	74.4	-1.74	33.95	27.33	73.7	0.120	1439.8
235	74.4	-1.74	33.95	27.33	73.7	0.121	1439.8
240	74.4	-1.74	33.95	27.33	73.7	0.123	1439.8
245	74.4	-1.74	33.95	27.33	73.7	0.125	1439.



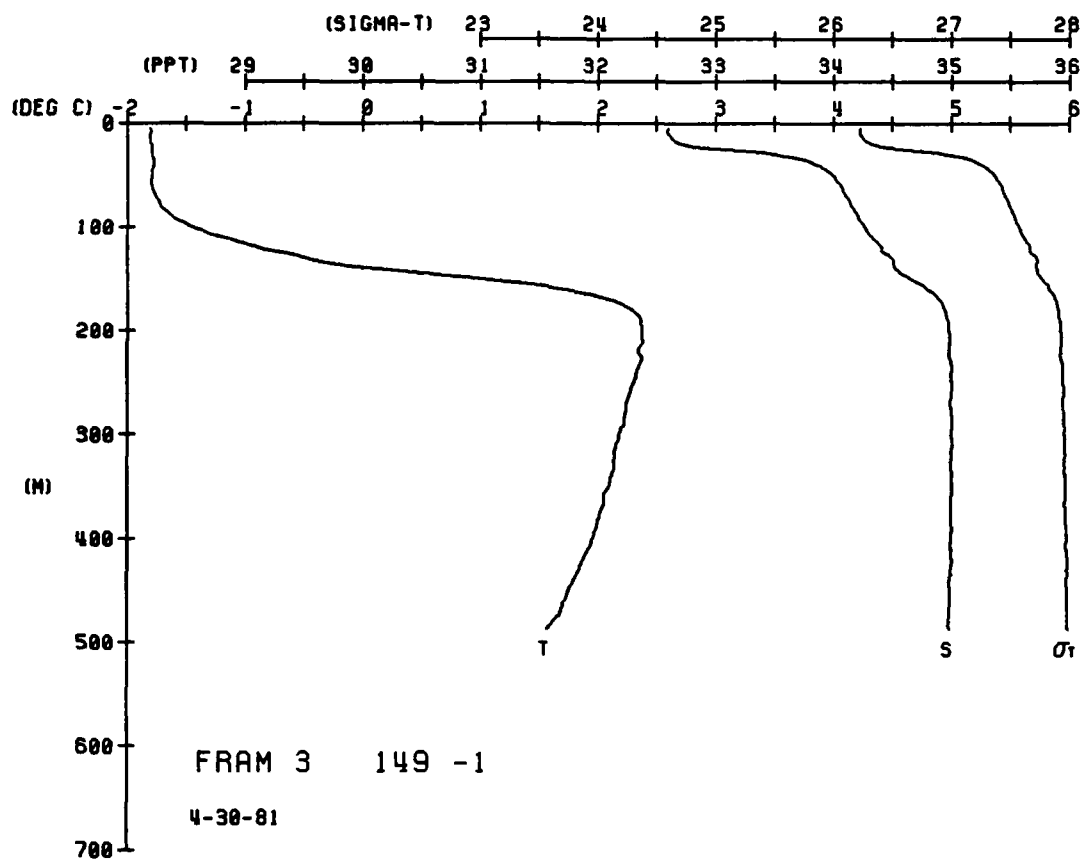
PHAM 3 STATION 148(1) CTD 30/APR/1981 1532 GMT CUDE = 5
 LAT = 81.8587N LNC = 5.3443E LTR = 30 UGER = 30
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYMT	SOUND	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYMT	SOUND
0.0	7.3	7.3	33.90	27.29	77.5	0.004	1439.7	710.0	-0.05	34.89	28.02	7.5	0.155	1400.7
5.0	7.3	7.3	33.90	27.29	77.5	0.004	1439.8	740.0	-0.25	34.90	28.03	6.2	0.157	1400.3
15.0	7.3	7.3	34.00	27.45	65.2	0.008	1439.8	790.0	-0.68	34.90	28.06	3.9	0.159	1459.2
25.0	7.3	7.3	34.11	27.47	60.4	0.014	1439.9	801.8	-0.68	34.89	28.05			1459.4
35.0	7.3	7.3	34.11	27.47	60.1	0.020	1440.0							
45.0	7.3	7.3	34.14	27.47	59.8	0.023	1440.1							
55.0	7.3	7.3	34.16	27.48	58.9	0.029	1440.5							
65.0	7.3	7.3	34.23	27.49	57.0	0.032	1440.9							
75.0	7.3	7.3	34.33	27.57	50.5	0.035	1442.6							
85.0	7.3	7.3	34.44	27.64	44.4	0.037	1444.7							
95.0	7.3	7.3	34.44	27.69	39.0	0.039	1445.6							
105.0	7.3	7.3	34.44	27.71	37.7	0.041	1447.0							
115.0	7.3	7.3	34.44	27.71	36.9	0.043	1448.1							
125.0	7.3	7.3	34.44	27.71	36.9	0.045	1448.5							
135.0	7.3	7.3	34.44	27.76	33.2	0.047	1449.3							
145.0	7.3	7.3	34.44	27.77	32.5	0.049	1450.1							
155.0	7.3	7.3	34.44	27.77	31.1	0.050	1451.1							
165.0	7.3	7.3	34.44	27.82	28.5	0.052	1451.1							
175.0	7.3	7.3	34.44	27.85	27.7	0.054	1454.6							
185.0	7.3	7.3	34.44	27.85	27.5	0.061	1457.3							
195.0	7.3	7.3	34.44	27.88	22.2	0.066	1459.0							
205.0	7.3	7.3	34.44	27.89	22.1	0.072	1461.0							
215.0	7.3	7.3	34.44	27.90	21.0	0.074	1461.7							
225.0	7.3	7.3	34.44	27.91	19.6	0.076	1462.4							
235.0	7.3	7.3	34.44	27.91	19.0	0.080	1463.0							
245.0	7.3	7.3	34.44	27.92	19.0	0.082	1463.4							
255.0	7.3	7.3	34.44	27.92	19.0	0.084	1462.3							
265.0	7.3	7.3	34.44	27.92	18.5	0.088	1462.7							
275.0	7.3	7.3	34.44	27.93	18.5	0.092	1463.0							
285.0	7.3	7.3	34.44	27.93	18.1	0.094	1463.5							
295.0	7.3	7.3	34.44	27.93	18.0	0.097	1463.9							
305.0	7.3	7.3	34.44	27.94	17.7	0.099	1463.7							
315.0	7.3	7.3	34.44	27.94	17.7	0.103	1463.9							
325.0	7.3	7.3	34.44	27.94	17.4	0.106	1463.9							
335.0	7.3	7.3	34.44	27.94	17.2	0.111	1464.1							
345.0	7.3	7.3	34.44	27.94	17.0	0.113	1464.1							
355.0	7.3	7.3	34.44	27.95	16.6	0.117	1464.4							
365.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
375.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
385.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
395.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
405.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
415.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
425.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
435.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
445.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
455.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
465.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
475.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
485.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
495.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
505.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
515.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
525.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
535.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
545.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
555.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
565.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
575.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
585.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
595.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
605.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
615.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
625.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
635.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
645.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
655.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
665.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
675.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
685.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
695.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
705.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
715.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
725.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
735.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
745.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
755.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
765.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
775.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
785.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
795.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
805.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
815.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
825.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
835.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
845.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
855.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
865.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
875.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
885.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
895.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
905.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
915.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
925.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
935.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
945.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
955.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
965.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
975.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
985.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							
995.0	7.3	7.3	34.44	27.95	16.5	0.117	1464.4							



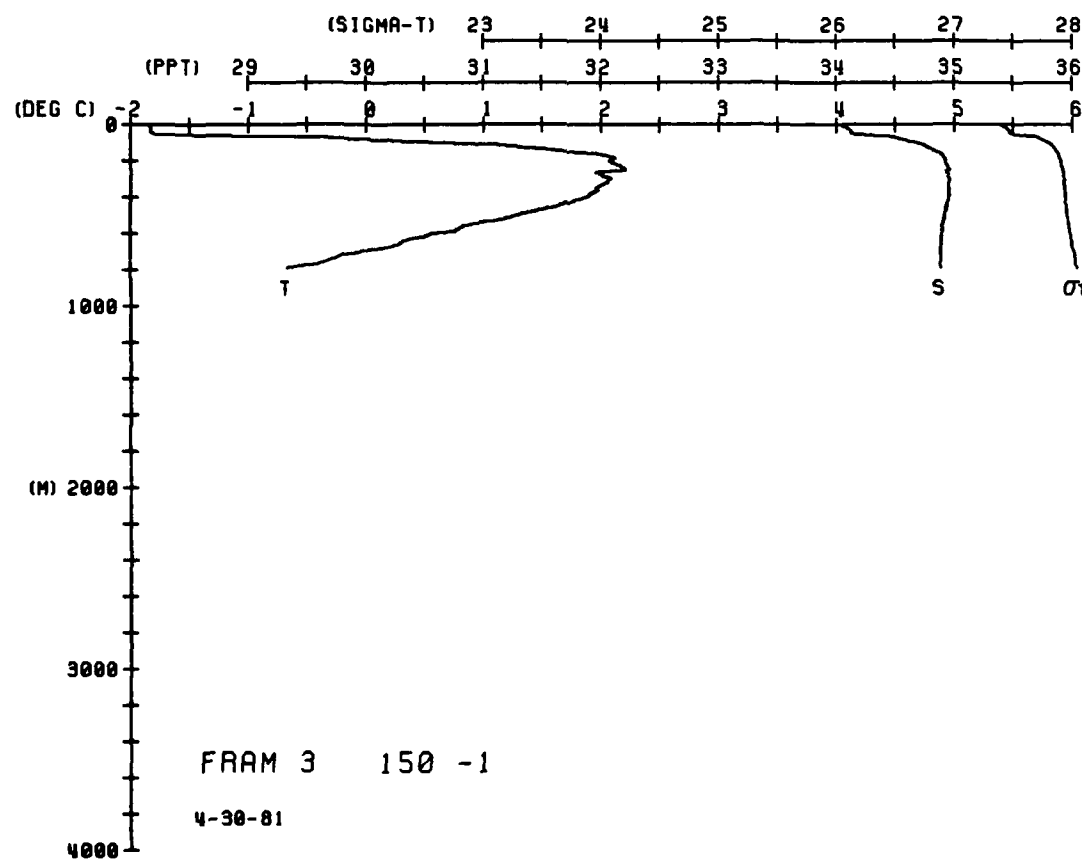
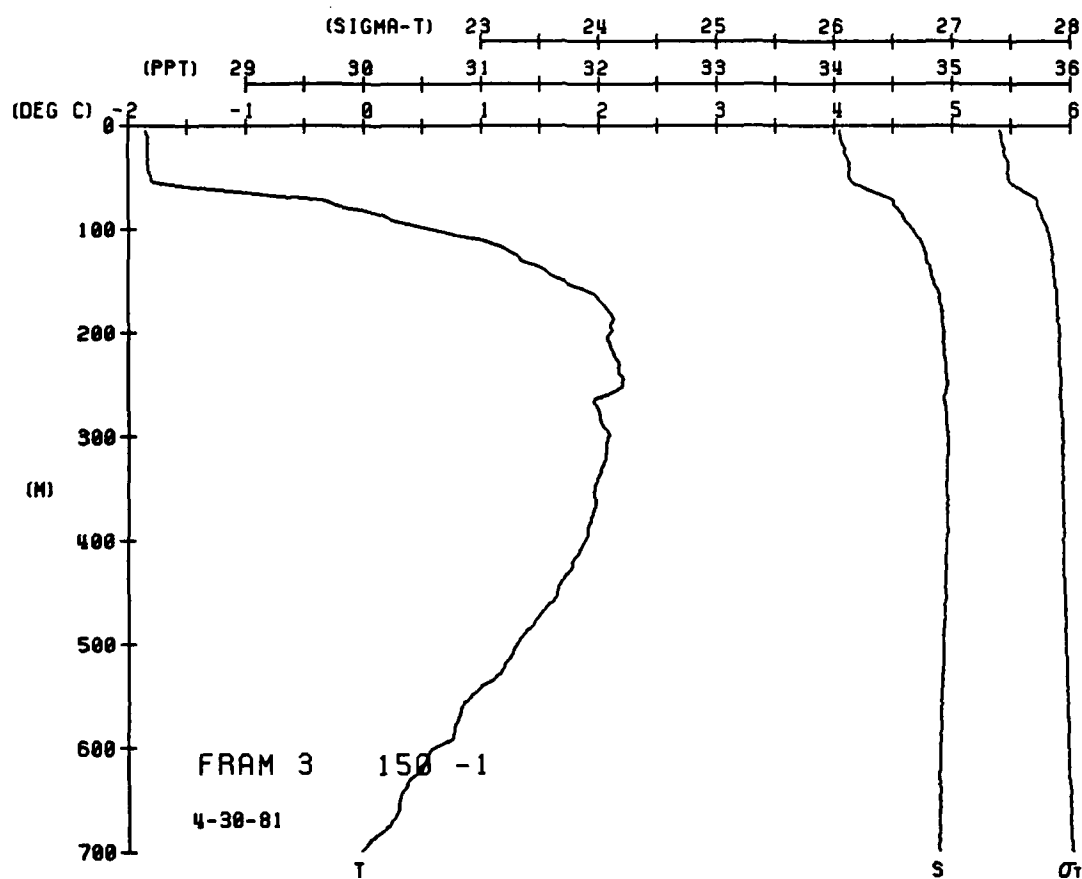
STATION 149(1) CTD 30/APR/1981 1548 GMT CODE = 5
LAT = 82.3250N LNG = 0.0850W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYANT	SOUND
0.0	1.80	1.80	32.60	26.23	177.8	0.000	1437.5
0.5	1.80	1.80	32.60	26.23	177.8	0.000	1437.6
1.0	1.80	1.80	32.60	26.23	177.8	0.000	1437.7
1.5	1.80	1.80	32.60	26.23	177.8	0.000	1437.8
2.0	1.80	1.80	32.60	26.23	177.8	0.000	1437.9
2.5	1.80	1.80	32.60	26.23	177.8	0.000	1438.0
3.0	1.80	1.80	32.60	26.23	177.8	0.000	1438.1
3.5	1.80	1.80	32.60	26.23	177.8	0.000	1438.2
4.0	1.80	1.80	32.60	26.23	177.8	0.000	1438.3
4.5	1.80	1.80	32.60	26.23	177.8	0.000	1438.4
5.0	1.80	1.80	32.60	26.23	177.8	0.000	1438.5
5.5	1.80	1.80	32.60	26.23	177.8	0.000	1438.6
6.0	1.80	1.80	32.60	26.23	177.8	0.000	1438.7
6.5	1.80	1.80	32.60	26.23	177.8	0.000	1438.8
7.0	1.80	1.80	32.60	26.23	177.8	0.000	1438.9
7.5	1.80	1.80	32.60	26.23	177.8	0.000	1439.0
8.0	1.80	1.80	32.60	26.23	177.8	0.000	1439.1
8.5	1.80	1.80	32.60	26.23	177.8	0.000	1439.2
9.0	1.80	1.80	32.60	26.23	177.8	0.000	1439.3
9.5	1.80	1.80	32.60	26.23	177.8	0.000	1439.4
10.0	1.80	1.80	32.60	26.23	177.8	0.000	1439.5
10.5	1.80	1.80	32.60	26.23	177.8	0.000	1439.6
11.0	1.80	1.80	32.60	26.23	177.8	0.000	1439.7
11.5	1.80	1.80	32.60	26.23	177.8	0.000	1439.8
12.0	1.80	1.80	32.60	26.23	177.8	0.000	1439.9
12.5	1.80	1.80	32.60	26.23	177.8	0.000	1440.0
13.0	1.80	1.80	32.60	26.23	177.8	0.000	1440.1
13.5	1.80	1.80	32.60	26.23	177.8	0.000	1440.2
14.0	1.80	1.80	32.60	26.23	177.8	0.000	1440.3
14.5	1.80	1.80	32.60	26.23	177.8	0.000	1440.4
15.0	1.80	1.80	32.60	26.23	177.8	0.000	1440.5
15.5	1.80	1.80	32.60	26.23	177.8	0.000	1440.6
16.0	1.80	1.80	32.60	26.23	177.8	0.000	1440.7
16.5	1.80	1.80	32.60	26.23	177.8	0.000	1440.8
17.0	1.80	1.80	32.60	26.23	177.8	0.000	1440.9
17.5	1.80	1.80	32.60	26.23	177.8	0.000	1441.0
18.0	1.80	1.80	32.60	26.23	177.8	0.000	1441.1
18.5	1.80	1.80	32.60	26.23	177.8	0.000	1441.2
19.0	1.80	1.80	32.60	26.23	177.8	0.000	1441.3
19.5	1.80	1.80	32.60	26.23	177.8	0.000	1441.4
20.0	1.80	1.80	32.60	26.23	177.8	0.000	1441.5
20.5	1.80	1.80	32.60	26.23	177.8	0.000	1441.6
21.0	1.80	1.80	32.60	26.23	177.8	0.000	1441.7
21.5	1.80	1.80	32.60	26.23	177.8	0.000	1441.8
22.0	1.80	1.80	32.60	26.23	177.8	0.000	1441.9
22.5	1.80	1.80	32.60	26.23	177.8	0.000	1442.0
23.0	1.80	1.80	32.60	26.23	177.8	0.000	1442.1
23.5	1.80	1.80	32.60	26.23	177.8	0.000	1442.2
24.0	1.80	1.80	32.60	26.23	177.8	0.000	1442.3
24.5	1.80	1.80	32.60	26.23	177.8	0.000	1442.4
25.0	1.80	1.80	32.60	26.23	177.8	0.000	1442.5
25.5	1.80	1.80	32.60	26.23	177.8	0.000	1442.6
26.0	1.80	1.80	32.60	26.23	177.8	0.000	1442.7
26.5	1.80	1.80	32.60	26.23	177.8	0.000	1442.8
27.0	1.80	1.80	32.60	26.23	177.8	0.000	1442.9
27.5	1.80	1.80	32.60	26.23	177.8	0.000	1443.0
28.0	1.80	1.80	32.60	26.23	177.8	0.000	1443.1
28.5	1.80	1.80	32.60	26.23	177.8	0.000	1443.2
29.0	1.80	1.80	32.60	26.23	177.8	0.000	1443.3
29.5	1.80	1.80	32.60	26.23	177.8	0.000	1443.4
30.0	1.80	1.80	32.60	26.23	177.8	0.000	1443.5
30.5	1.80	1.80	32.60	26.23	177.8	0.000	1443.6
31.0	1.80	1.80	32.60	26.23	177.8	0.000	1443.7
31.5	1.80	1.80	32.60	26.23	177.8	0.000	1443.8
32.0	1.80	1.80	32.60	26.23	177.8	0.000	1443.9
32.5	1.80	1.80	32.60	26.23	177.8	0.000	1444.0
33.0	1.80	1.80	32.60	26.23	177.8	0.000	1444.1
33.5	1.80	1.80	32.60	26.23	177.8	0.000	1444.2
34.0	1.80	1.80	32.60	26.23	177.8	0.000	1444.3
34.5	1.80	1.80	32.60	26.23	177.8	0.000	1444.4
35.0	1.80	1.80	32.60	26.23	177.8	0.000	1444.5
35.5	1.80	1.80	32.60	26.23	177.8	0.000	1444.6
36.0	1.80	1.80	32.60	26.23	177.8	0.000	1444.7
36.5	1.80	1.80	32.60	26.23	177.8	0.000	1444.8
37.0	1.80	1.80	32.60	26.23	177.8	0.000	1444.9
37.5	1.80	1.80	32.60	26.23	177.8	0.000	1445.0
38.0	1.80	1.80	32.60	26.23	177.8	0.000	1445.1
38.5	1.80	1.80	32.60	26.23	177.8	0.000	1445.2
39.0	1.80	1.80	32.60	26.23	177.8	0.000	1445.3
39.5	1.80	1.80	32.60	26.23	177.8	0.000	1445.4
40.0	1.80	1.80	32.60	26.23	177.8	0.000	1445.5
40.5	1.80	1.80	32.60	26.23	177.8	0.000	1445.6
41.0	1.80	1.80	32.60	26.23	177.8	0.000	1445.7
41.5	1.80	1.80	32.60	26.23	177.8	0.000	1445.8
42.0	1.80	1.80	32.60	26.23	177.8	0.000	1445.9
42.5	1.80	1.80	32.60	26.23	177.8	0.000	1446.0
43.0	1.80	1.80	32.60	26.23	177.8	0.000	1446.1
43.5	1.80	1.80	32.60	26.23	177.8	0.000	1446.2
44.0	1.80	1.80	32.60	26.23	177.8	0.000	1446.3
44.5	1.80	1.80	32.60	26.23	177.8	0.000	1446.4
45.0	1.80	1.80	32.60	26.23	177.8	0.000	1446.5
45.5	1.80	1.80	32.60	26.23	177.8	0.000	1446.6
46.0	1.80	1.80	32.60	26.23	177.8	0.000	1446.7
46.5	1.80	1.80	32.60	26.23	177.8	0.000	1446.8
47.0	1.80	1.80	32.60	26.23	177.8	0.000	1446.9
47.5	1.80	1.80	32.60	26.23	177.8	0.000	1447.0
48.0	1.80	1.80	32.60	26.23	177.8	0.000	1447.1
48.5	1.80	1.80	32.60	26.23	177.8	0.000	1447.2
49.0	1.80	1.80	32.60	26.23	177.8	0.000	1447.3
49.5	1.80	1.80	32.60	26.23	177.8	0.000	1447.4
50.0	1.80	1.80	32.60	26.23	177.8	0.000	1447.5

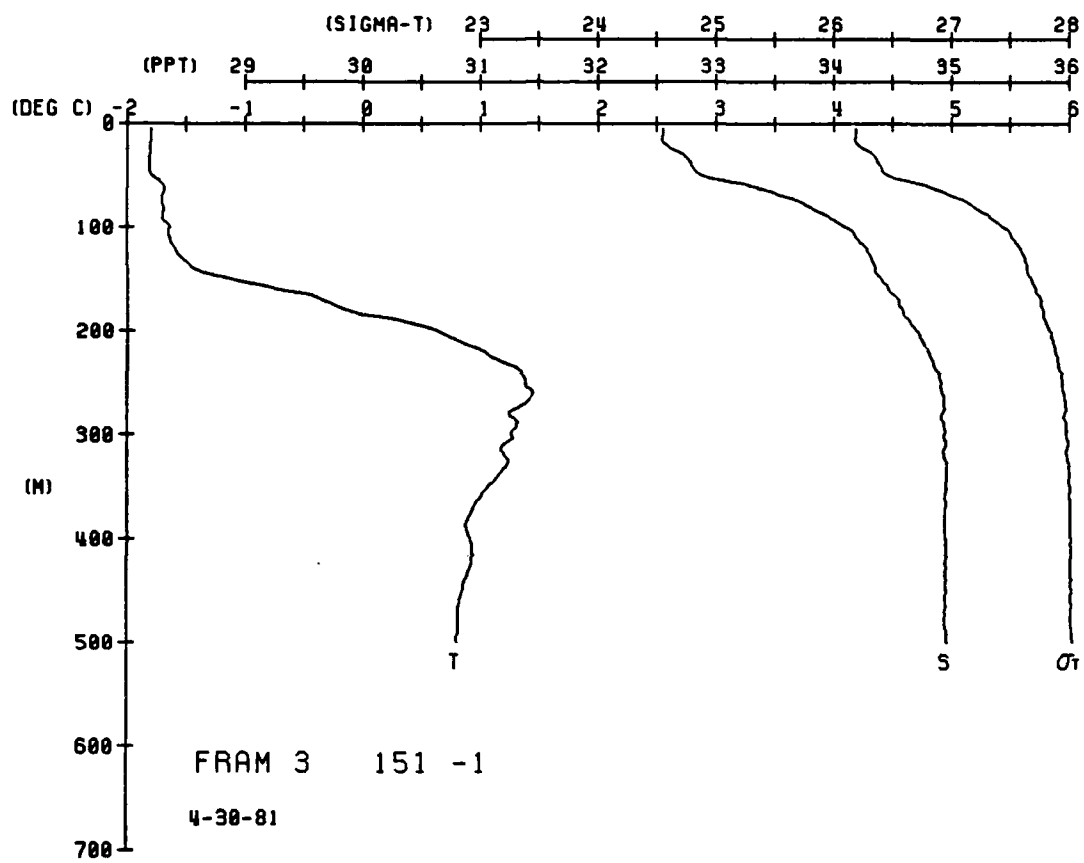


STATION 150(1) CTD 30/APR/1981 1636 GMT CUOP = 5
 LAT = 81.8577N LNC = 30. UGER = 30.
 AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	86.5	86.5	34.05	27.41	65.9	0.000	1439.3	0	-0.11	-0.14	34.89	28.02	7.6	0.153	1460.4
5	86.5	86.5	34.05	27.41	65.9	0.003	1439.4	5	-0.27	-0.30	34.89	28.03	6.2	0.155	1460.2
10	86.5	86.5	34.05	27.41	65.9	0.007	1439.6	10	-0.56	-0.59	34.89	28.05	2.6	0.158	1459.3
15	86.5	86.5	34.05	27.41	65.9	0.010	1439.9	15	-0.66	-0.69	34.91	28.07	2.1	0.158	1459.4
20	86.5	86.5	34.05	27.41	65.9	0.013	1439.9	20							
25	86.5	86.5	34.05	27.41	65.9	0.016	1440.0	25							
30	86.5	86.5	34.05	27.41	65.9	0.019	1440.0	30							
35	86.5	86.5	34.05	27.41	65.9	0.022	1440.1	35							
40	86.5	86.5	34.05	27.41	65.9	0.025	1440.2	40							
45	86.5	86.5	34.05	27.41	65.9	0.028	1440.3	45							
50	86.5	86.5	34.05	27.41	65.9	0.031	1440.5	50							
55	86.5	86.5	34.05	27.41	65.9	0.034	1440.7	55							
60	86.5	86.5	34.05	27.41	65.9	0.037	1442.8	60							
65	86.5	86.5	34.05	27.41	65.9	0.040	1444.7	65							
70	86.5	86.5	34.05	27.41	65.9	0.043	1447.6	70							
75	86.5	86.5	34.05	27.41	65.9	0.046	1449.5	75							
80	86.5	86.5	34.05	27.41	65.9	0.049	1451.3	80							
85	86.5	86.5	34.05	27.41	65.9	0.052	1453.1	85							
90	86.5	86.5	34.05	27.41	65.9	0.055	1455.2	90							
95	86.5	86.5	34.05	27.41	65.9	0.057	1456.2	95							
100	86.5	86.5	34.05	27.41	65.9	0.060	1457.4	100							
110	86.5	86.5	34.05	27.41	65.9	0.063	1458.5	110							
120	86.5	86.5	34.05	27.41	65.9	0.066	1459.3	120							
130	86.5	86.5	34.05	27.41	65.9	0.069	1460.4	130							
140	86.5	86.5	34.05	27.41	65.9	0.071	1461.6	140							
150	86.5	86.5	34.05	27.41	65.9	0.075	1461.9	150							
160	86.5	86.5	34.05	27.41	65.9	0.077	1462.1	160							
170	86.5	86.5	34.05	27.41	65.9	0.079	1462.4	170							
180	86.5	86.5	34.05	27.41	65.9	0.081	1462.8	180							
190	86.5	86.5	34.05	27.41	65.9	0.083	1463.2	190							
200	86.5	86.5	34.05	27.41	65.9	0.085	1463.5	200							
210	86.5	86.5	34.05	27.41	65.9	0.087	1463.8	210							
220	86.5	86.5	34.05	27.41	65.9	0.089	1463.5	220							
230	86.5	86.5	34.05	27.41	65.9	0.091	1463.2	230							
240	86.5	86.5	34.05	27.41	65.9	0.093	1463.5	240							
250	86.5	86.5	34.05	27.41	65.9	0.094	1463.6	250							
260	86.5	86.5	34.05	27.41	65.9	0.096	1463.8	260							
270	86.5	86.5	34.05	27.41	65.9	0.098	1463.8	270							
280	86.5	86.5	34.05	27.41	65.9	0.100	1463.8	280							
290	86.5	86.5	34.05	27.41	65.9	0.102	1463.8	290							
300	86.5	86.5	34.05	27.41	65.9	0.103	1463.8	300							
310	86.5	86.5	34.05	27.41	65.9	0.105	1463.8	310							
320	86.5	86.5	34.05	27.41	65.9	0.107	1464.2	320							
330	86.5	86.5	34.05	27.41	65.9	0.109	1464.2	330							
340	86.5	86.5	34.05	27.41	65.9	0.111	1464.3	340							
350	86.5	86.5	34.05	27.41	65.9	0.112	1464.3	350							
360	86.5	86.5	34.05	27.41	65.9	0.114	1464.3	360							
370	86.5	86.5	34.05	27.41	65.9	0.115	1464.2	370							
380	86.5	86.5	34.05	27.41	65.9	0.117	1464.1	380							
390	86.5	86.5	34.05	27.41	65.9	0.119	1464.0	390							
400	86.5	86.5	34.05	27.41	65.9	0.122	1464.3	400							
410	86.5	86.5	34.05	27.41	65.9	0.124	1464.3	410							
420	86.5	86.5	34.05	27.41	65.9	0.125	1464.3	420							
430	86.5	86.5	34.05	27.41	65.9	0.127	1464.3	430							
440	86.5	86.5	34.05	27.41	65.9	0.128	1464.3	440							
450	86.5	86.5	34.05	27.41	65.9	0.131	1464.3	450							
460	86.5	86.5	34.05	27.41	65.9	0.133	1464.3	460							
470	86.5	86.5	34.05	27.41	65.9	0.137	1464.3	470							
480	86.5	86.5	34.05	27.41	65.9	0.141	1464.3	480							
490	86.5	86.5	34.05	27.41	65.9	0.144	1464.3	490							
500	86.5	86.5	34.05	27.41	65.9	0.148	1464.3	500							
510	86.5	86.5	34.05	27.41	65.9	0.150	1464.3	510							
520	86.5	86.5	34.05	27.41	65.9	0.151	1464.3	520							
530	86.5	86.5	34.05	27.41	65.9	0.151	1464.3	530							
540	86.5	86.5	34.05	27.41	65.9	0.151	1464.3	540							
550	86.5	86.5	34.05	27.41	65.9	0.151	1464.3	550							
560	86.5	86.5	34.05	27.41	65.9	0.151	1464.3	560							
570	86.5	86.5	34.05	27.41	65.9	0.151	1464.3	570							
580	86.5	86.5	34.05	27.41	65.9	0.151	1464.3	580							
590	86.5	86.5	34.05	27.41	65.9	0.151	1464.3	590							
600	86.5	86.5	34.05	27.41	65.9	0.151	1464.3	600							

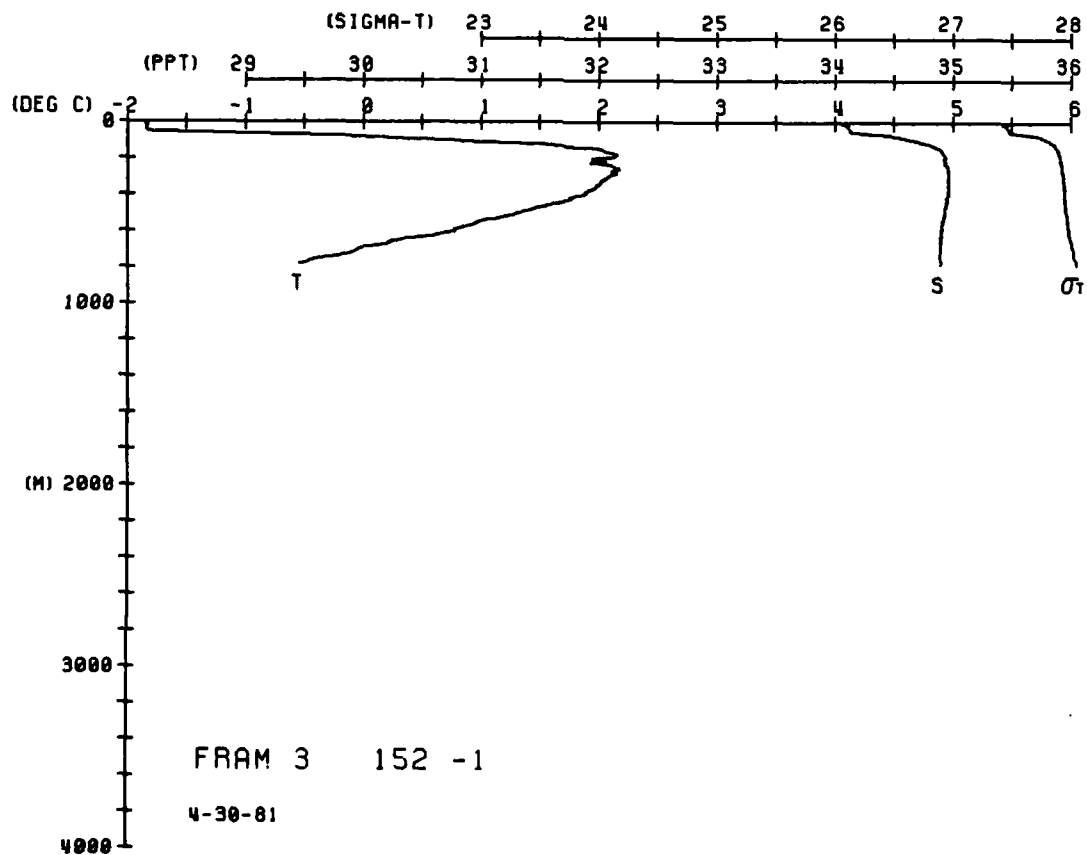
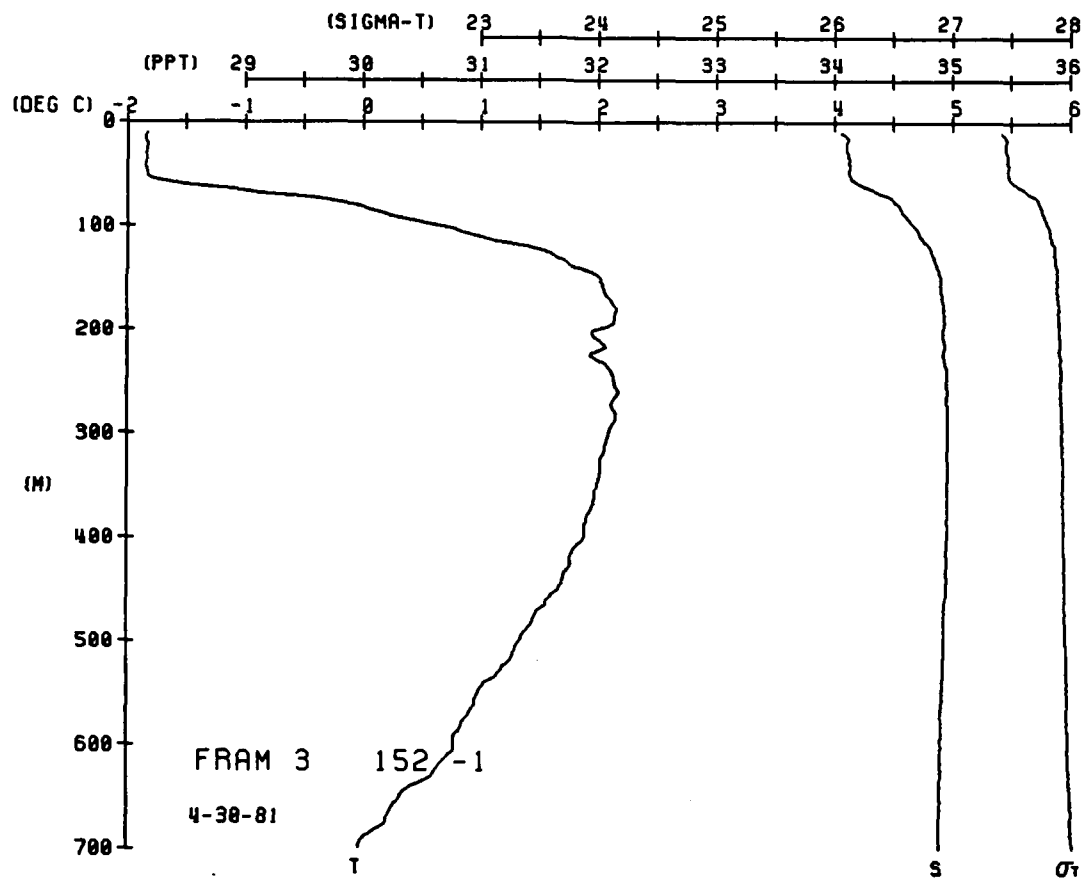


DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	17.9	1.79	32.55	26.19	7.6	0.000	1437.5
5	17.9	1.80	32.55	26.19	7.6	0.007	1437.5
10	17.9	1.80	32.55	26.18	7.6	0.014	1437.7
15	18.0	1.80	32.56	26.21	7.6	0.027	1437.8
20	18.1	1.81	32.57	26.34	7.5	0.046	1438.3
25	18.1	1.81	32.57	26.39	7.5	0.063	1438.4
30	18.1	1.81	32.58	26.46	7.4	0.081	1438.5
35	18.1	1.81	32.58	26.50	7.4	0.095	1438.5
40	18.1	1.81	32.58	26.52	7.4	0.104	1438.5
45	18.1	1.81	32.58	26.52	7.4	0.113	1438.5
50	18.1	1.81	32.58	26.52	7.4	0.122	1438.5
55	18.1	1.81	32.58	26.52	7.4	0.130	1438.5
60	18.1	1.81	32.58	26.52	7.4	0.137	1438.5
65	18.1	1.81	32.58	26.52	7.4	0.142	1438.5
70	18.1	1.81	32.58	26.52	7.4	0.151	1438.5
75	18.1	1.81	32.58	26.52	7.4	0.161	1438.5
80	18.1	1.81	32.58	26.52	7.4	0.168	1438.5
85	18.1	1.81	32.58	26.52	7.4	0.175	1438.5
90	18.1	1.81	32.58	26.52	7.4	0.177	1438.5
95	18.1	1.81	32.58	26.52	7.4	0.180	1438.5
100	18.1	1.81	32.58	26.52	7.4	0.182	1438.5
105	18.1	1.81	32.58	26.52	7.4	0.184	1438.5
110	18.1	1.81	32.58	26.52	7.4	0.186	1438.5
115	18.1	1.81	32.58	26.52	7.4	0.187	1438.5
120	18.1	1.81	32.58	26.52	7.4	0.189	1438.5
125	18.1	1.81	32.58	26.52	7.4	0.190	1438.5
130	18.1	1.81	32.58	26.52	7.4	0.192	1438.5
135	18.1	1.81	32.58	26.52	7.4	0.193	1438.5
140	18.1	1.81	32.58	26.52	7.4	0.195	1438.5
145	18.1	1.81	32.58	26.52	7.4	0.196	1438.5
150	18.1	1.81	32.58	26.52	7.4	0.197	1438.5
155	18.1	1.81	32.58	26.52	7.4	0.198	1438.5
160	18.1	1.81	32.58	26.52	7.4	0.199	1438.5
165	18.1	1.81	32.58	26.52	7.4	0.200	1438.5
170	18.1	1.81	32.58	26.52	7.4	0.201	1438.5
175	18.1	1.81	32.58	26.52	7.4	0.202	1438.5
180	18.1	1.81	32.58	26.52	7.4	0.203	1438.5
185	18.1	1.81	32.58	26.52	7.4	0.204	1438.5
190	18.1	1.81	32.58	26.52	7.4	0.205	1438.5
195	18.1	1.81	32.58	26.52	7.4	0.206	1438.5
200	18.1	1.81	32.58	26.52	7.4	0.207	1438.5
205	18.1	1.81	32.58	26.52	7.4	0.208	1438.5
210	18.1	1.81	32.58	26.52	7.4	0.209	1438.5
215	18.1	1.81	32.58	26.52	7.4	0.210	1438.5
220	18.1	1.81	32.58	26.52	7.4	0.211	1438.5
225	18.1	1.81	32.58	26.52	7.4	0.212	1438.5
230	18.1	1.81	32.58	26.52	7.4	0.213	1438.5
235	18.1	1.81	32.58	26.52	7.4	0.214	1438.5
240	18.1	1.81	32.58	26.52	7.4	0.215	1438.5



FRAM 3 STATION 152(1) CTU 30/APR/1991 1948 GMT CUOK = 5
 LAT = 61.8403N LNG = 5.2847E ITEM = 30. UGEM = 30.
 AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHNT	SOUND
0.0	8.3	-1.83	34.06	27.42	64.8	0.000	149.5
5.0	8.3	-1.83	34.06	27.42	64.8	0.003	149.5
10.0	8.3	-1.83	34.06	27.42	64.8	0.007	149.6
15.0	8.3	-1.83	34.12	27.46	60.7	0.010	149.7
20.0	8.3	-1.83	34.10	27.45	61.4	0.013	149.9
25.0	8.3	-1.84	34.11	27.47	60.9	0.016	149.9
30.0	8.3	-1.84	34.11	27.47	59.9	0.022	149.0
35.0	8.3	-1.84	34.11	27.47	59.0	0.025	149.0
40.0	8.3	-1.83	34.11	27.47	59.0	0.028	149.0
45.0	8.3	-1.83	34.14	27.47	59.1	0.031	149.0
50.0	8.3	-1.83	34.16	27.50	57.4	0.034	149.0
55.0	8.3	-1.87	34.23	27.55	52.7	0.037	149.2
60.0	8.3	-1.53	34.43	27.61	40.3	0.039	149.4
65.0	8.3	-1.17	34.43	27.61	36.1	0.043	149.4
70.0	8.3	-0.77	34.51	27.75	33.8	0.047	149.7
75.0	8.3	-0.57	34.55	27.77	32.0	0.047	149.5
80.0	8.3	-0.28	34.61	27.78	30.6	0.048	149.5
85.0	8.3	0.04	34.64	27.79	29.7	0.050	149.5
90.0	8.3	0.06	34.64	27.81	28.3	0.051	149.5
95.0	8.3	0.08	34.64	27.86	26.3	0.054	149.7
100.0	8.3	0.14	34.64	27.87	22.1	0.057	149.7
105.0	8.3	0.16	34.64	27.88	22.1	0.059	149.6
110.0	8.3	0.18	34.64	27.89	22.1	0.061	149.6
115.0	8.3	0.20	34.64	27.89	22.1	0.063	149.6
120.0	8.3	0.22	34.64	27.90	22.0	0.066	149.0
125.0	8.3	0.25	34.92	27.91	20.2	0.068	149.0
130.0	8.3	0.28	34.93	27.91	19.6	0.070	149.9
135.0	8.3	0.31	34.93	27.91	19.2	0.072	149.4
140.0	8.3	0.34	34.93	27.91	19.2	0.074	149.4
145.0	8.3	0.37	34.93	27.91	19.2	0.076	149.4
150.0	8.3	0.40	34.93	27.91	19.2	0.078	149.4
155.0	8.3	0.43	34.93	27.91	19.2	0.080	149.4
160.0	8.3	0.46	34.93	27.91	19.2	0.081	149.4
165.0	8.3	0.49	34.93	27.91	19.2	0.083	149.4
170.0	8.3	0.52	34.93	27.91	19.2	0.085	149.4
175.0	8.3	0.55	34.93	27.91	19.2	0.087	149.4
180.0	8.3	0.58	34.93	27.91	19.2	0.089	149.4
185.0	8.3	0.61	34.93	27.91	19.2	0.091	149.4
190.0	8.3	0.64	34.93	27.91	19.2	0.092	149.4
195.0	8.3	0.67	34.93	27.91	19.2	0.094	149.4
200.0	8.3	0.70	34.93	27.91	19.2	0.096	149.4
205.0	8.3	0.73	34.93	27.91	19.2	0.098	149.4
210.0	8.3	0.76	34.93	27.91	19.2	0.100	149.4
215.0	8.3	0.79	34.93	27.91	19.2	0.101	149.4
220.0	8.3	0.82	34.93	27.91	19.2	0.103	149.4
225.0	8.3	0.85	34.93	27.91	19.2	0.105	149.4
230.0	8.3	0.88	34.93	27.91	19.2	0.106	149.4
235.0	8.3	0.91	34.93	27.91	19.2	0.108	149.4
240.0	8.3	0.94	34.93	27.91	19.2	0.110	149.4
245.0	8.3	0.97	34.93	27.91	19.2	0.111	149.4
250.0	8.3	0.99	34.93	27.91	19.2	0.113	149.4
255.0	8.3	1.02	34.93	27.91	19.2	0.115	149.4
260.0	8.3	1.05	34.93	27.91	19.2	0.116	149.4
265.0	8.3	1.08	34.93	27.91	19.2	0.118	149.4
270.0	8.3	1.11	34.93	27.91	19.2	0.120	149.4
275.0	8.3	1.14	34.93	27.91	19.2	0.122	149.4
280.0	8.3	1.17	34.93	27.91	19.2	0.123	149.4
285.0	8.3	1.20	34.93	27.91	19.2	0.124	149.4
290.0	8.3	1.23	34.93	27.91	19.2	0.126	149.4
295.0	8.3	1.26	34.93	27.91	19.2	0.128	149.4
300.0	8.3	1.29	34.93	27.91	19.2	0.130	149.4
305.0	8.3	1.32	34.93	27.91	19.2	0.132	149.4
310.0	8.3	1.35	34.93	27.91	19.2	0.134	149.4
315.0	8.3	1.38	34.93	27.91	19.2	0.136	149.4
320.0	8.3	1.41	34.93	27.91	19.2	0.138	149.4
325.0	8.3	1.44	34.93	27.91	19.2	0.140	149.4
330.0	8.3	1.47	34.93	27.91	19.2	0.142	149.4
335.0	8.3	1.50	34.93	27.91	19.2	0.144	149.4
340.0	8.3	1.53	34.93	27.91	19.2	0.146	149.4
345.0	8.3	1.56	34.93	27.91	19.2	0.148	149.4
350.0	8.3	1.59	34.93	27.91	19.2	0.150	149.4
355.0	8.3	1.62	34.93	27.91	19.2	0.152	149.4
360.0	8.3	1.65	34.93	27.91	19.2	0.154	149.4
365.0	8.3	1.68	34.93	27.91	19.2	0.156	149.4
370.0	8.3	1.71	34.93	27.91	19.2	0.158	149.4
375.0	8.3	1.74	34.93	27.91	19.2	0.160	149.4
380.0	8.3	1.77	34.93	27.91	19.2	0.162	149.4
385.0	8.3	1.80	34.93	27.91	19.2	0.164	149.4
390.0	8.3	1.83	34.93	27.91	19.2	0.166	149.4
395.0	8.3	1.86	34.93	27.91	19.2	0.168	149.4
400.0	8.3	1.89	34.93	27.91	19.2	0.170	149.4
405.0	8.3	1.92	34.93	27.91	19.2	0.172	149.4
410.0	8.3	1.95	34.93	27.91	19.2	0.174	149.4
415.0	8.3	1.98	34.93	27.91	19.2	0.176	149.4
420.0	8.3	2.01	34.93	27.91	19.2	0.178	149.4
425.0	8.3	2.04	34.93	27.91	19.2	0.180	149.4
430.0	8.3	2.07	34.93	27.91	19.2	0.182	149.4
435.0	8.3	2.10	34.93	27.91	19.2	0.184	149.4
440.0	8.3	2.13	34.93	27.91	19.2	0.186	149.4
445.0	8.3	2.16	34.93	27.91	19.2	0.188	149.4
450.0	8.3	2.19	34.93	27.91	19.2	0.190	149.4
455.0	8.3	2.22	34.93	27.91	19.2	0.192	149.4
460.0	8.3	2.25	34.93	27.91	19.2	0.194	149.4
465.0	8.3	2.28	34.93	27.91	19.2	0.196	149.4
470.0	8.3	2.31	34.93	27.91	19.2	0.198	149.4
475.0	8.3	2.34	34.93	27.91	19.2	0.200	149.4
480.0	8.3	2.37	34.93	27.91	19.2	0.202	149.4
485.0	8.3	2.40	34.93	27.91	19.2	0.204	149.4
490.0	8.3	2.43	34.93	27.91	19.2	0.206	149.4
495.0	8.3	2.46	34.93	27.91	19.2	0.208	149.4
500.0	8.3	2.49	34.93	27.91	19.2	0.210	149.4
505.0	8.3	2.52	34.93	27.91	19.2	0.212	149.4
510.0	8.3	2.55	34.93	27.91	19.2	0.214	149.4
515.0	8.3	2.58	34.93	27.91	19.2	0.216	149.4
520.0	8.3	2.61	34.93	27.91	19.2	0.218	149.4
525.0	8.3	2.64	34.93	27.91	19.2	0.220	149.4
530.0	8.3	2.67	34.93	27.91	19.2	0.222	149.4
535.0	8.3	2.70	34.93	27.91	19.2	0.224	149.4
540.0	8.3	2.73	34.93	27.91	19.2	0.226	149.4
545.0	8.3	2.76	34.93	27.91	19.2	0.228	149.4
550.0	8.3	2.79	34.93	27.91	19.2	0.230	149.4
555.0	8.3	2.82	34.93	27.91	19.2	0.232	149.4
560.0	8.3	2.85	34.93	27.91	19.2	0.234	149.4
565.0	8.3	2.88	34.93	27.91	19.2	0.236	149.4
570.0	8.3	2.91	34.93	27.91	19.2	0.238	149.4
575.0	8.3	2.94	34.93	27.91	19.2	0.240	149.4
580.0	8.3	2.97	34.93	27.91	19.2	0.242	149.4
585.0	8.3	3.00	34.93	27.91	19.2	0.244	149.4
590.0	8.3	3.03	34.93	27.91	19.2	0.246	149.4
595.0	8.3	3.06	34.93	27.91	19.2	0.248	149.4
600.0	8.3	3.09	34.93	27.91	19.2	0.250	149.4

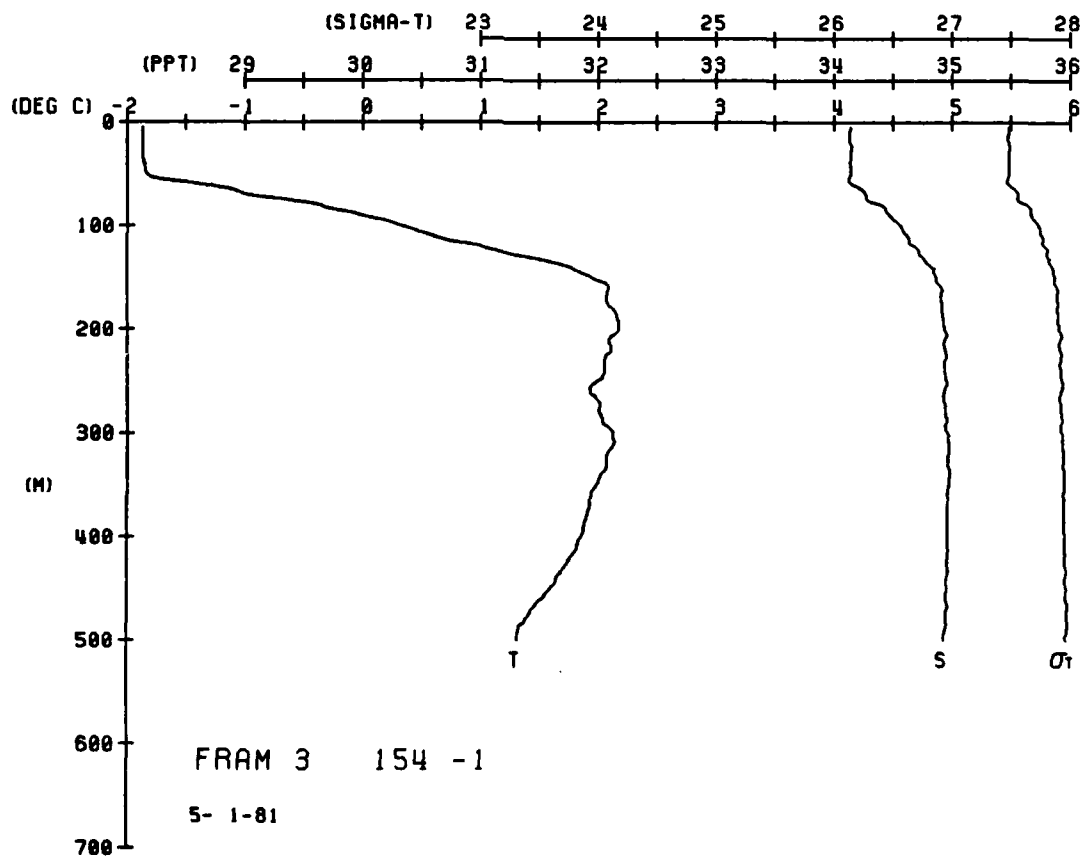
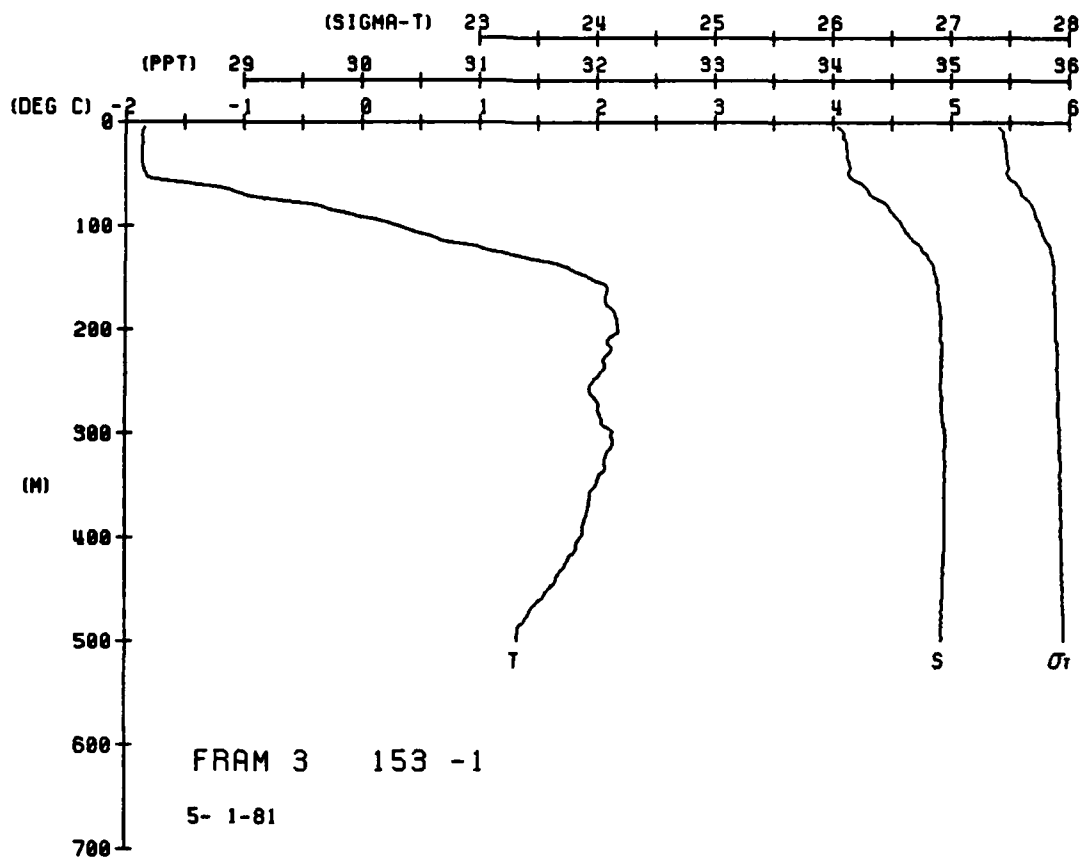


FRAM 3 STATION 153(1) CTU 1/MAY/1981 1025 GMT CODE = 5
LAT = 81.8205N LNG = 30.0 UGRM = 30.0
ALT = 81.8205N LNG = 30.0 UGRM = 30.0
AIR TEMP = 0.0 WIND = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	0.00	0.00	34.03	27.39	67.4	0.000	1439.4
0	0.00	0.00	34.04	27.39	67.4	0.000	1439.4
0	0.00	0.00	34.05	27.40	67.4	0.000	1439.4
10	0.00	0.00	34.06	27.41	67.4	0.000	1439.4
20	0.00	0.00	34.07	27.42	67.4	0.000	1439.4
30	0.00	0.00	34.08	27.43	67.4	0.000	1439.4
40	0.00	0.00	34.09	27.44	67.4	0.000	1439.4
50	0.00	0.00	34.10	27.45	67.4	0.000	1439.4
60	0.00	0.00	34.11	27.46	67.4	0.000	1439.4
70	0.00	0.00	34.12	27.47	67.4	0.000	1439.4
80	0.00	0.00	34.13	27.48	67.4	0.000	1439.4
90	0.00	0.00	34.14	27.49	67.4	0.000	1439.4
100	0.00	0.00	34.15	27.50	67.4	0.000	1439.4
110	0.00	0.00	34.16	27.51	67.4	0.000	1439.4
120	0.00	0.00	34.17	27.52	67.4	0.000	1439.4
130	0.00	0.00	34.18	27.53	67.4	0.000	1439.4
140	0.00	0.00	34.19	27.54	67.4	0.000	1439.4
150	0.00	0.00	34.20	27.55	67.4	0.000	1439.4
160	0.00	0.00	34.21	27.56	67.4	0.000	1439.4
170	0.00	0.00	34.22	27.57	67.4	0.000	1439.4
180	0.00	0.00	34.23	27.58	67.4	0.000	1439.4
190	0.00	0.00	34.24	27.59	67.4	0.000	1439.4
200	0.00	0.00	34.25	27.60	67.4	0.000	1439.4
210	0.00	0.00	34.26	27.61	67.4	0.000	1439.4
220	0.00	0.00	34.27	27.62	67.4	0.000	1439.4
230	0.00	0.00	34.28	27.63	67.4	0.000	1439.4
240	0.00	0.00	34.29	27.64	67.4	0.000	1439.4
250	0.00	0.00	34.30	27.65	67.4	0.000	1439.4
260	0.00	0.00	34.31	27.66	67.4	0.000	1439.4
270	0.00	0.00	34.32	27.67	67.4	0.000	1439.4
280	0.00	0.00	34.33	27.68	67.4	0.000	1439.4
290	0.00	0.00	34.34	27.69	67.4	0.000	1439.4
300	0.00	0.00	34.35	27.70	67.4	0.000	1439.4
310	0.00	0.00	34.36	27.71	67.4	0.000	1439.4
320	0.00	0.00	34.37	27.72	67.4	0.000	1439.4
330	0.00	0.00	34.38	27.73	67.4	0.000	1439.4
340	0.00	0.00	34.39	27.74	67.4	0.000	1439.4
350	0.00	0.00	34.40	27.75	67.4	0.000	1439.4
360	0.00	0.00	34.41	27.76	67.4	0.000	1439.4
370	0.00	0.00	34.42	27.77	67.4	0.000	1439.4
380	0.00	0.00	34.43	27.78	67.4	0.000	1439.4
390	0.00	0.00	34.44	27.79	67.4	0.000	1439.4
400	0.00	0.00	34.45	27.80	67.4	0.000	1439.4
410	0.00	0.00	34.46	27.81	67.4	0.000	1439.4
420	0.00	0.00	34.47	27.82	67.4	0.000	1439.4
430	0.00	0.00	34.48	27.83	67.4	0.000	1439.4
440	0.00	0.00	34.49	27.84	67.4	0.000	1439.4
450	0.00	0.00	34.50	27.85	67.4	0.000	1439.4
460	0.00	0.00	34.51	27.86	67.4	0.000	1439.4
470	0.00	0.00	34.52	27.87	67.4	0.000	1439.4
480	0.00	0.00	34.53	27.88	67.4	0.000	1439.4
490	0.00	0.00	34.54	27.89	67.4	0.000	1439.4
500	0.00	0.00	34.55	27.90	67.4	0.000	1439.4

FRAM 3 STATION 154(1) CTU 1/MAY/1981 1028 GMT CODE = 5
LAT = 81.8205N LNG = 30.0 UGRM = 30.0
ALT = 81.8205N LNG = 30.0 UGRM = 30.0
AIR TEMP = 0.0 WIND = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	0.00	0.00	34.03	27.39	58.7	0.000	1439.4
0	0.00	0.00	34.04	27.39	58.7	0.000	1439.4
0	0.00	0.00	34.05	27.40	58.7	0.000	1439.4
10	0.00	0.00	34.06	27.41	58.7	0.000	1439.4
20	0.00	0.00	34.07	27.42	58.7	0.000	1439.4
30	0.00	0.00	34.08	27.43	58.7	0.000	1439.4
40	0.00	0.00	34.09	27.44	58.7	0.000	1439.4
50	0.00	0.00	34.10	27.45	58.7	0.000	1439.4
60	0.00	0.00	34.11	27.46	58.7	0.000	1439.4
70	0.00	0.00	34.12	27.47	58.7	0.000	1439.4
80	0.00	0.00	34.13	27.48	58.7	0.000	1439.4
90	0.00	0.00	34.14	27.49	58.7	0.000	1439.4
100	0.00	0.00	34.15	27.50	58.7	0.000	1439.4
110	0.00	0.00	34.16	27.51	58.7	0.000	1439.4
120	0.00	0.00	34.17	27.52	58.7	0.000	1439.4
130	0.00	0.00	34.18	27.53	58.7	0.000	1439.4
140	0.00	0.00	34.19	27.54	58.7	0.000	1439.4
150	0.00	0.00	34.20	27.55	58.7	0.000	1439.4
160	0.00	0.00	34.21	27.56	58.7	0.000	1439.4
170	0.00	0.00	34.22	27.57	58.7	0.000	1439.4
180	0.00	0.00	34.23	27.58	58.7	0.000	1439.4
190	0.00	0.00	34.24	27.59	58.7	0.000	1439.4
200	0.00	0.00	34.25	27.60	58.7	0.000	1439.4
210	0.00	0.00	34.26	27.61	58.7	0.000	1439.4
220	0.00	0.00	34.27	27.62	58.7	0.000	1439.4
230	0.00	0.00	34.28	27.63	58.7	0.000	1439.4
240	0.00	0.00	34.29	27.64	58.7	0.000	1439.4
250	0.00	0.00	34.30	27.65	58.7	0.000	1439.4
260	0.00	0.00	34.31	27.66	58.7	0.000	1439.4
270	0.00	0.00	34.32	27.67	58.7	0.000	1439.4
280	0.00	0.00	34.33	27.68	58.7	0.000	1439.4
290	0.00	0.00	34.34	27.69	58.7	0.000	1439.4
300	0.00	0.00	34.35	27.70	58.7	0.000	1439.4
310	0.00	0.00	34.36	27.71	58.7	0.000	1439.4
320	0.00	0.00	34.37	27.72	58.7	0.000	1439.4
330	0.00	0.00	34.38	27.73	58.7	0.000	1439.4
340	0.00	0.00	34.39	27.74	58.7	0.000	1439.4
350	0.00	0.00	34.40	27.75	58.7	0.000	1439.4
360	0.00	0.00	34.41	27.76	58.7	0.000	1439.4
370	0.00	0.00	34.42	27.77	58.7	0.000	1439.4
380	0.00	0.00	34.43	27.78	58.7	0.000	1439.4
390	0.00	0.00	34.44	27.79	58.7	0.000	1439.4
400	0.00	0.00	34.45	27.80	58.7	0.000	1439.4
410	0.00	0.00	34.46	27.81	58.7	0.000	1439.4
420	0.00	0.00	34.47	27.82	58.7	0.000	1439.4
430	0.00	0.00	34.48	27.83	58.7	0.000	1439.4
440	0.00	0.00	34.49	27.84	58.7	0.000	1439.4
450	0.00	0.00	34.50	27.85	58.7	0.000	1439.4
460	0.00	0.00	34.51	27.86	58.7	0.000	1439.4
470	0.00	0.00	34.52	27.87	58.7	0.000	1439.4
480	0.00	0.00	34.53	27.88	58.7	0.000	1439.4
490	0.00	0.00	34.54	27.89	58.7	0.000	1439.4
500	0.00	0.00	34.55	27.90	58.7	0.000	1439.4

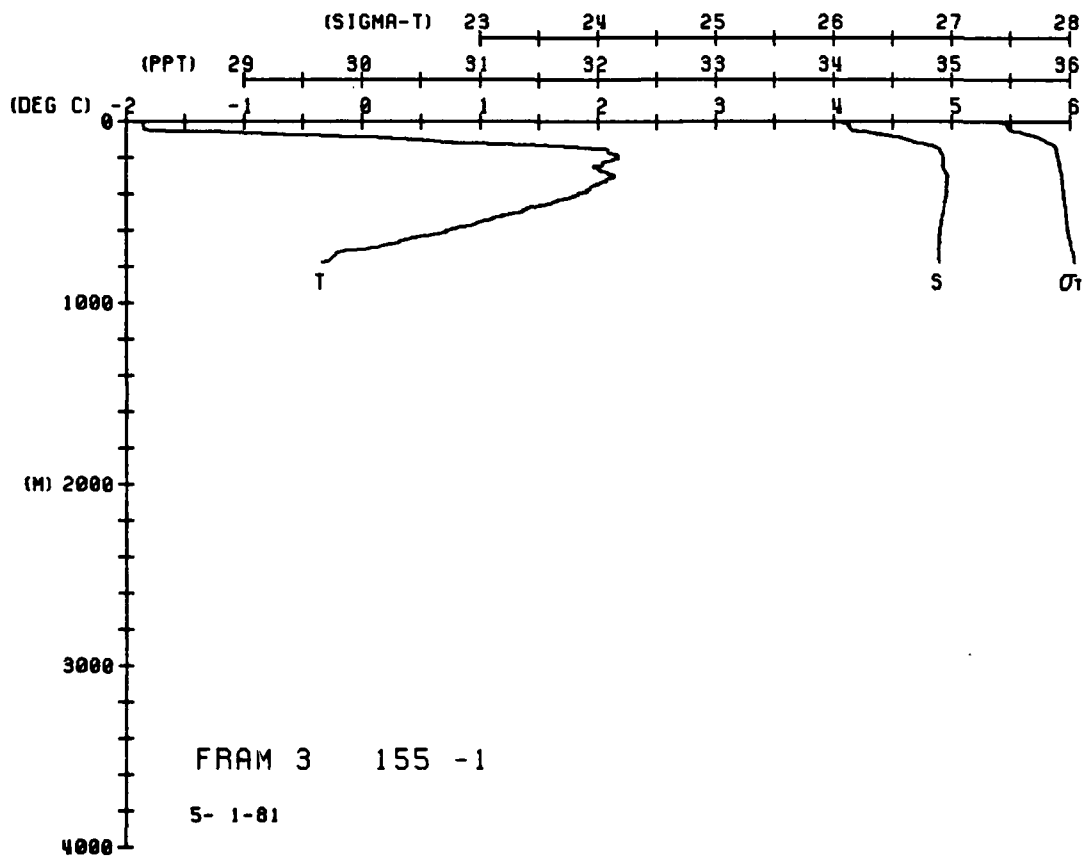
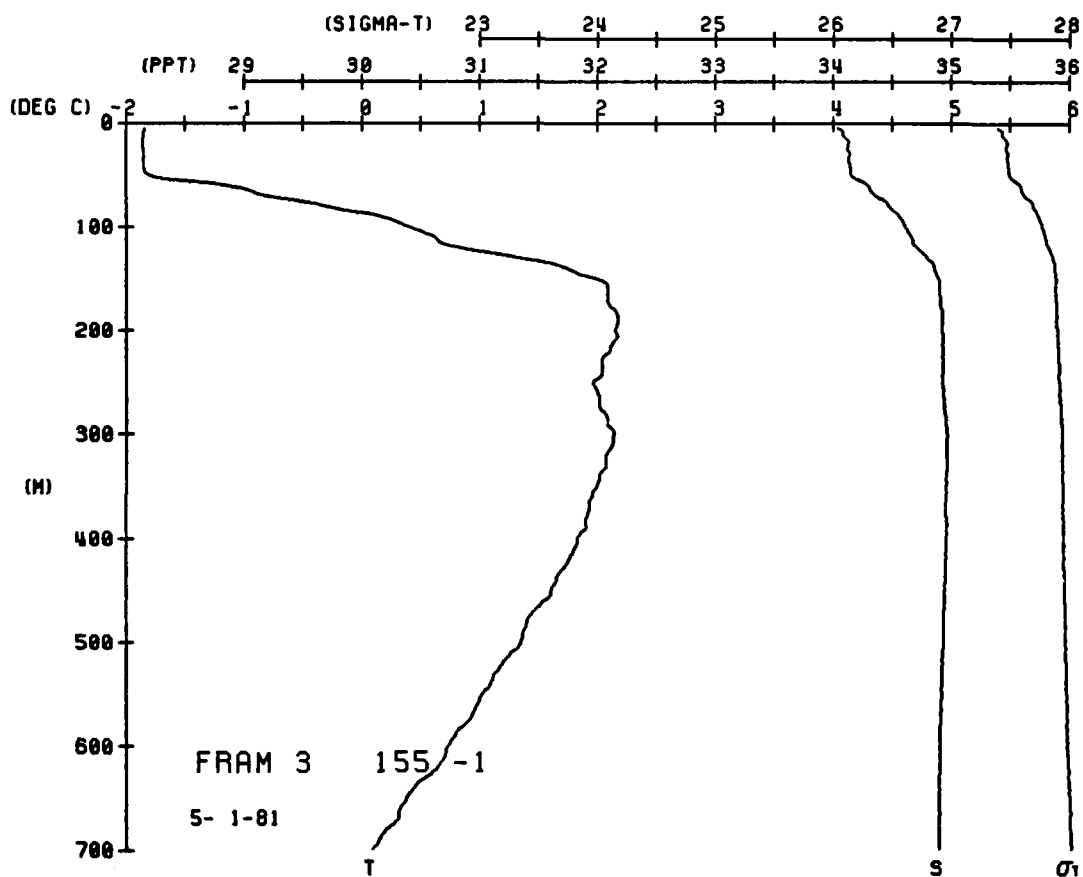


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FRAM 3 STATION 155(1) CTU 1/MAY/1981 1111 GMT CODE = 5
LAT = 81.8202N LNG = 5.1898E LTER = 30 IGER = 30
AIR TEMP = 0.0 BAKUM = 0.0 WIND = 0.0 SPEED = 0.0

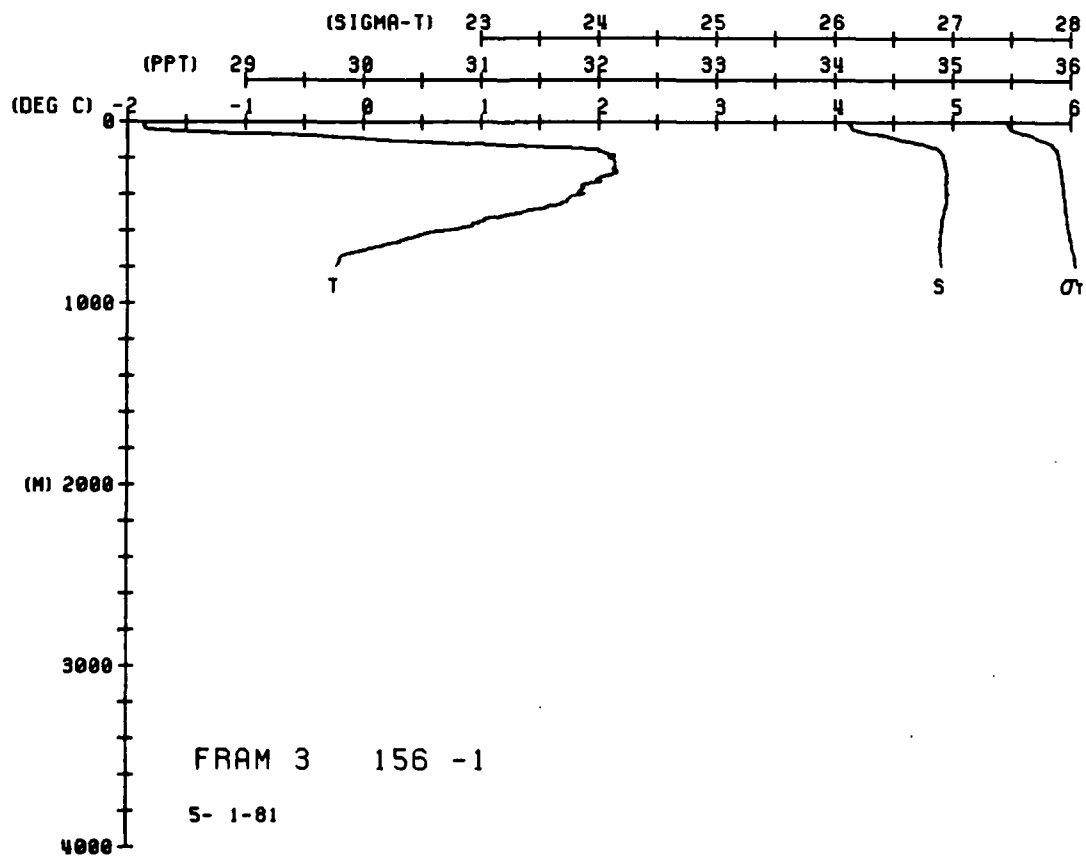
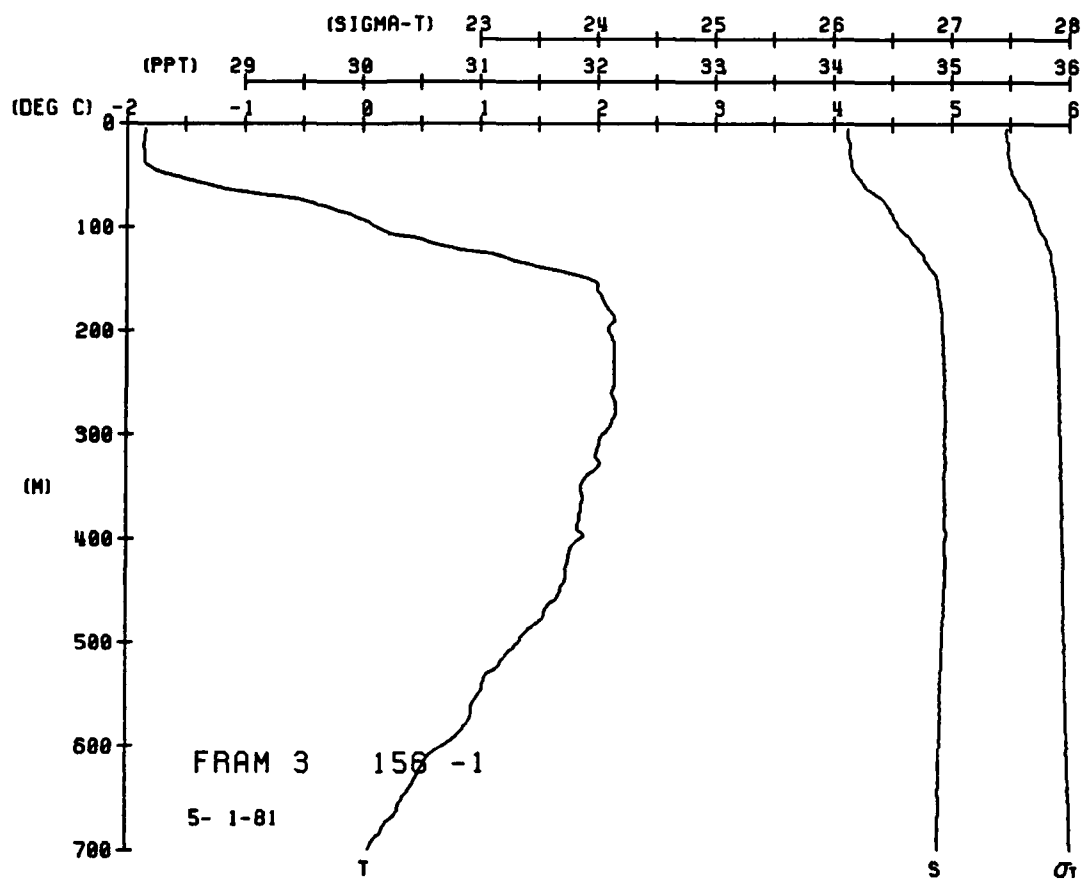
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DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	18.44	18.4	34.01	27.38	69.0	0.000	1439.4
5	18.44	18.4	34.01	27.40	66.6	0.003	1439.5
10	18.44	18.4	34.02	27.41	64.2	0.007	1439.6
15	18.44	18.4	34.02	27.42	60.4	0.010	1439.8
20	18.44	18.4	34.02	27.43	59.4	0.013	1439.9
25	18.44	18.4	34.02	27.44	58.0	0.016	1440.0
30	18.44	18.4	34.02	27.45	58.0	0.022	1440.1
35	18.44	18.4	34.02	27.46	57.5	0.028	1440.3
40	18.44	18.4	34.02	27.47	57.5	0.031	1440.5
45	18.44	18.4	34.02	27.48	52.5	0.036	1442.0
50	18.44	18.4	34.02	27.49	47.4	0.039	1445.0
55	18.44	18.4	34.02	27.50	44.9	0.041	1445.8
60	18.44	18.4	34.02	27.51	39.6	0.043	1447.3
65	18.44	18.4	34.02	27.52	38.4	0.045	1448.4
70	18.44	18.4	34.02	27.53	35.9	0.049	1449.7
75	18.44	18.4	34.02	27.54	33.2	0.050	1451.0
80	18.44	18.4	34.02	27.55	32.4	0.052	1452.3
85	18.44	18.4	34.02	27.56	31.9	0.055	1453.5
90	18.44	18.4	34.02	27.57	28.0	0.058	1454.7
95	18.44	18.4	34.02	27.58	26.0	0.058	1454.7
100	18.44	18.4	34.02	27.59	22.2	0.060	1457.3
105	18.44	18.4	34.02	27.60	22.2	0.062	1459.3
110	18.44	18.4	34.02	27.61	21.5	0.065	1460.6
115	18.44	18.4	34.02	27.62	21.2	0.067	1461.2
120	18.44	18.4	34.02	27.63	21.2	0.069	1461.8
125	18.44	18.4	34.02	27.64	20.8	0.071	1462.1
130	18.44	18.4	34.02	27.65	20.7	0.073	1462.1
135	18.44	18.4	34.02	27.66	20.7	0.075	1462.1
140	18.44	18.4	34.02	27.67	20.3	0.077	1462.3
145	18.44	18.4	34.02	27.68	19.9	0.079	1462.3
150	18.44	18.4	34.02	27.69	19.3	0.081	1462.2
155	18.44	18.4	34.02	27.70	19.3	0.083	1462.1
160	18.44	18.4	34.02	27.71	19.3	0.085	1462.1
165	18.44	18.4	34.02	27.72	18.9	0.087	1462.1
170	18.44	18.4	34.02	27.73	18.5	0.089	1462.1
175	18.44	18.4	34.02	27.74	18.0	0.091	1463.1
180	18.44	18.4	34.02	27.75	17.9	0.093	1463.4
185	18.44	18.4	34.02	27.76	17.0	0.095	1463.4
190	18.44	18.4	34.02	27.77	17.0	0.098	1463.8
195	18.44	18.4	34.02	27.78	17.7	0.098	1463.8
200	18.44	18.4	34.02	27.79	17.9	0.100	1464.0
205	18.44	18.4	34.02	27.80	17.6	0.102	1463.9
210	18.44	18.4	34.02	27.81	17.7	0.104	1464.0
215	18.44	18.4	34.02	27.82	17.5	0.105	1463.9
220	18.44	18.4	34.02	27.83	17.0	0.107	1464.0
225	18.44	18.4	34.02	27.84	16.9	0.109	1464.1
230	18.44	18.4	34.02	27.85	16.7	0.111	1464.2
235	18.44	18.4	34.02	27.86	16.7	0.114	1464.2
240	18.44	18.4	34.02	27.87	16.2	0.116	1464.1
245	18.44	18.					



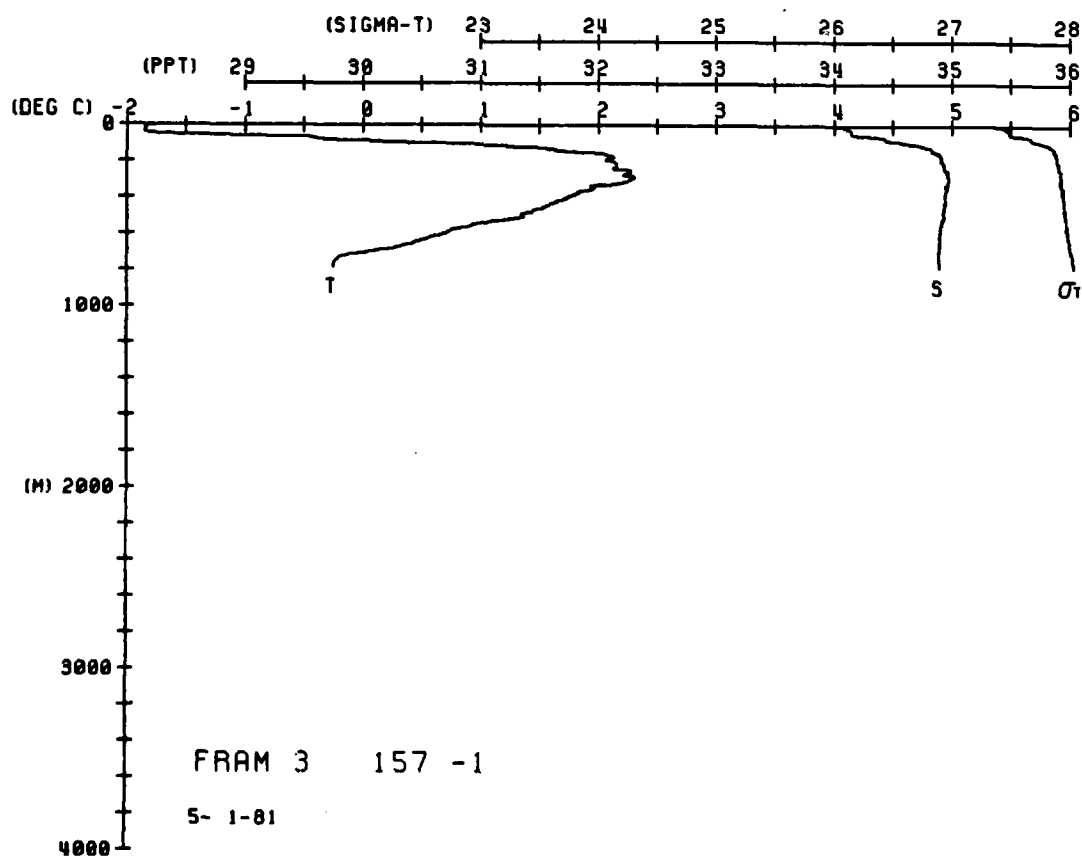
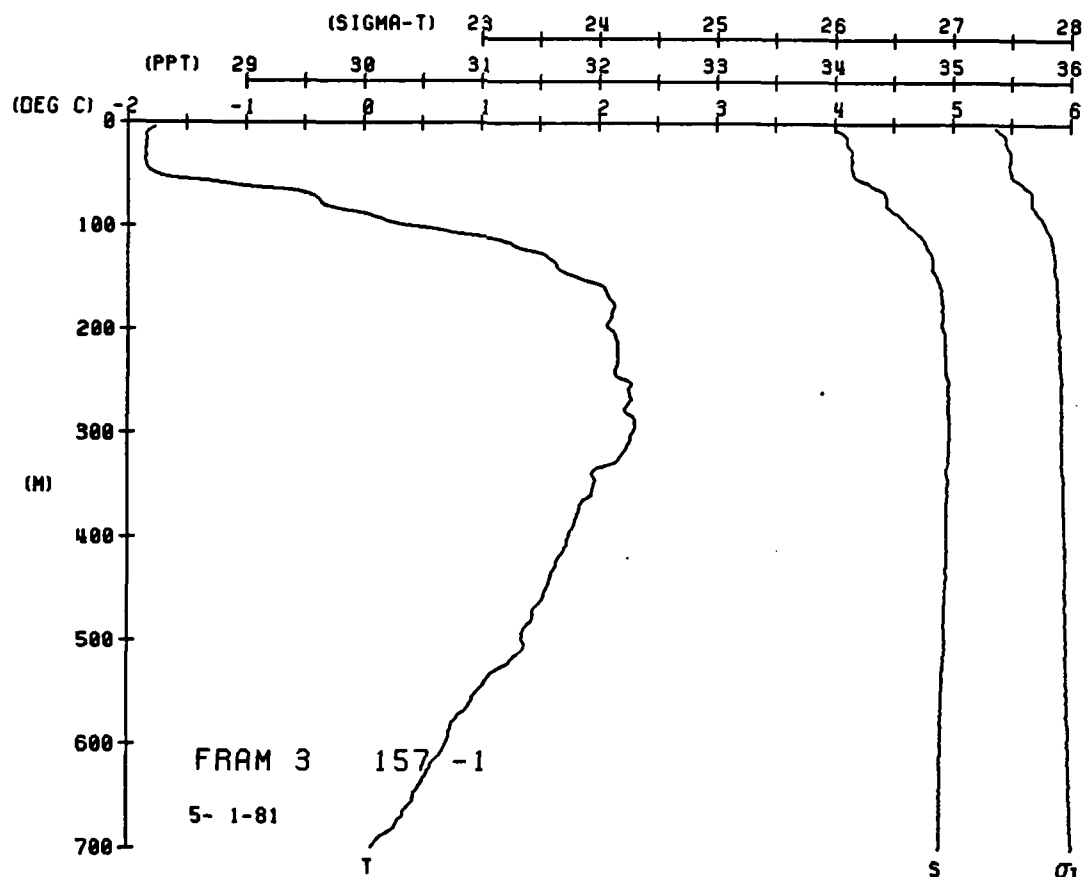
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FRAM J STATION 156(1) CTU 1/MAY/1981 1502 GMT CODE = 5
LAT = 81.8155N LNG = 5.1745E LTER = 30. IGER = 30.
AIR TEMP = 0.0 WAKOM = 0.0 WIND = 0.0 SPEED = 0.0
```

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	1.85	1.85	34.13	27.47	59.9	0.000	1439.5
5	1.85	1.85	34.12	27.47	59.9	0.002	1439.6
10	1.85	1.85	34.11	27.47	60.0	0.003	1439.6
15	1.85	1.85	34.10	27.47	60.0	0.006	1439.7
20	1.85	1.85	34.14	27.49	58.0	0.009	1439.8
25	1.85	1.85	34.14	27.48	59.0	0.012	1439.8
30	1.85	1.85	34.15	27.48	59.0	0.015	1439.9
35	1.85	1.85	34.15	27.49	58.2	0.021	1440.0
40	1.85	1.85	34.15	27.49	57.9	0.024	1440.1
45	1.85	1.85	34.16	27.51	56.6	0.030	1440.8
50	1.85	1.85	34.17	27.52	55.5	0.035	1441.5
55	1.85	1.85	34.17	27.52	55.0	0.035	1442.4
60	1.85	1.85	34.17	27.52	54.9	0.038	1443.4
65	1.85	1.85	34.17	27.52	48.9	0.042	1444.4
70	1.85	1.85	34.17	27.54	43.5	0.044	1446.3
75	1.85	1.85	34.17	27.68	39.7	0.044	1447.5
80	1.85	1.85	34.17	27.70	38.0	0.046	1448.4
85	1.85	1.85	34.17	27.72	36.9	0.048	1449.9
90	1.85	1.85	34.17	27.73	35.2	0.050	1450.9
95	1.85	1.85	34.17	27.74	34.7	0.051	1450.9
100	1.85	1.85	34.17	27.80	28.0	0.055	1452.7
105	1.85	1.85	34.17	27.83	26.0	0.057	1454.4
110	1.85	1.85	34.17	27.87	25.0	0.060	1456.8
115	1.85	1.85	34.17	27.87	23.2	0.062	1458.5
120	1.85	1.85	34.17	27.88	21.9	0.065	1460.8
125	1.85	1.85	34.17	27.89	21.3	0.067	1460.8
130	1.85	1.85	34.17	27.90	20.6	0.069	1461.6
135	1.85	1.85	34.17	27.91	20.3	0.073	1461.9
140	1.85	1.85	34.17	27.91	19.9	0.075	1461.9
145	1.85	1.85	34.17	27.91	19.4	0.077	1462.1
150	1.85	1.85	34.17	27.91	19.3	0.079	1462.4
155	1.85	1.85	34.17	27.91	19.3	0.081	1462.6
160	1.85	1.85	34.17	27.92	19.4	0.083	1462.8
165	1.85	1.85	34.17	27.92	19.5	0.085	1462.9
170	1.85	1.85	34.17	27.93	18.8	0.087	1463.1
175	1.85	1.85	34.17	27.93	18.5	0.089	1463.4
180	1.85	1.85	34.17	27.93	18.5	0.091	1463.5
185	1.85	1.85	34.17	27.93	18.5	0.093	1463.5
190	1.85	1.85	34.17	27.93	18.1	0.095	1463.4
195	1.85	1.85	34.17	27.93	17.7	0.097	1463.4
200	1.85	1.85	34.17	27.94	17.8	0.098	1463.7
205	1.85	1.85	34.17	27.94	17.7	0.100	1463.7
210	1.85	1.85	34.17	27.94	17.7	0.102	1463.4
215	1.85	1.85	34.17	27.94	17.3	0.104	1463.4
220	1.85	1.85	34.17	27.94	17.1	0.105	1463.6
225	1.85	1.85	34.17	27.95	17.9	0.107	1463.7
230	1.85	1.85	34.17	27.95	17.1	0.109	1463.8
235	1.85	1.85	34.17	27.95	16.9	0.111	1463.9
240	1.85	1.85	34.17	27.95	16.7	0.112	1464.2
245	1.85	1.85	34.17	27.95	16.7	0.114	1464.0



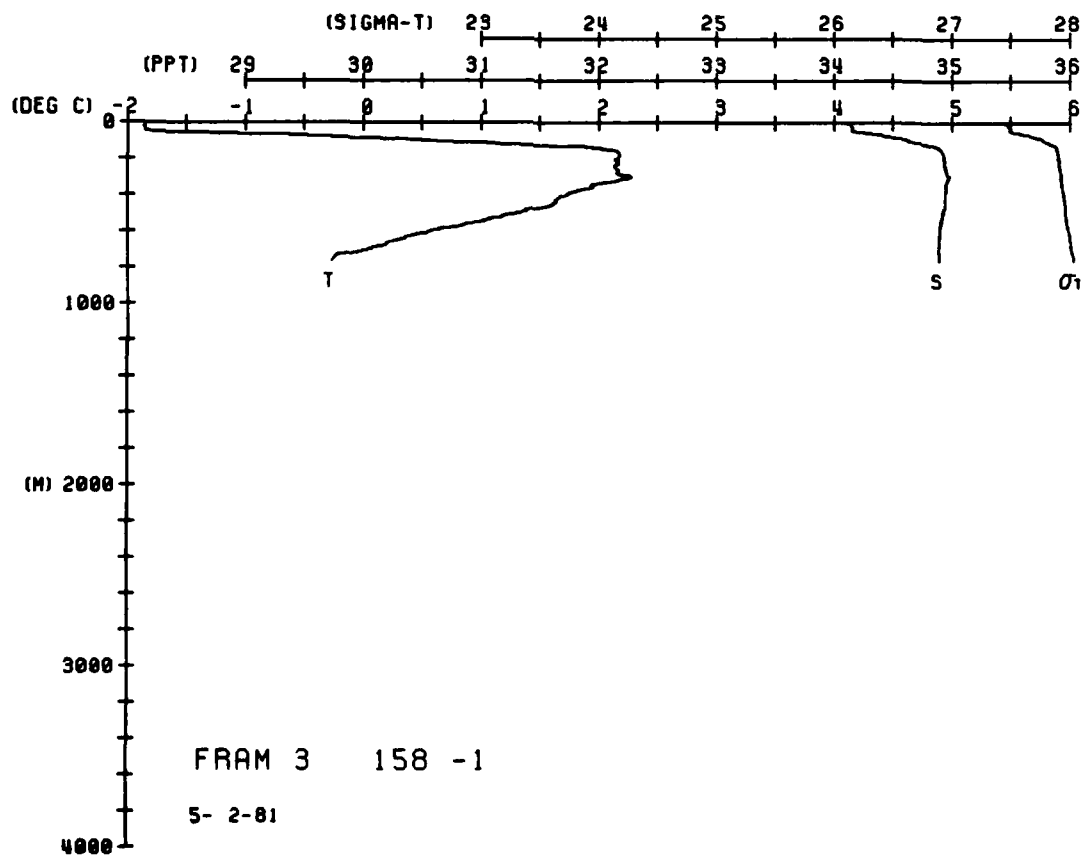
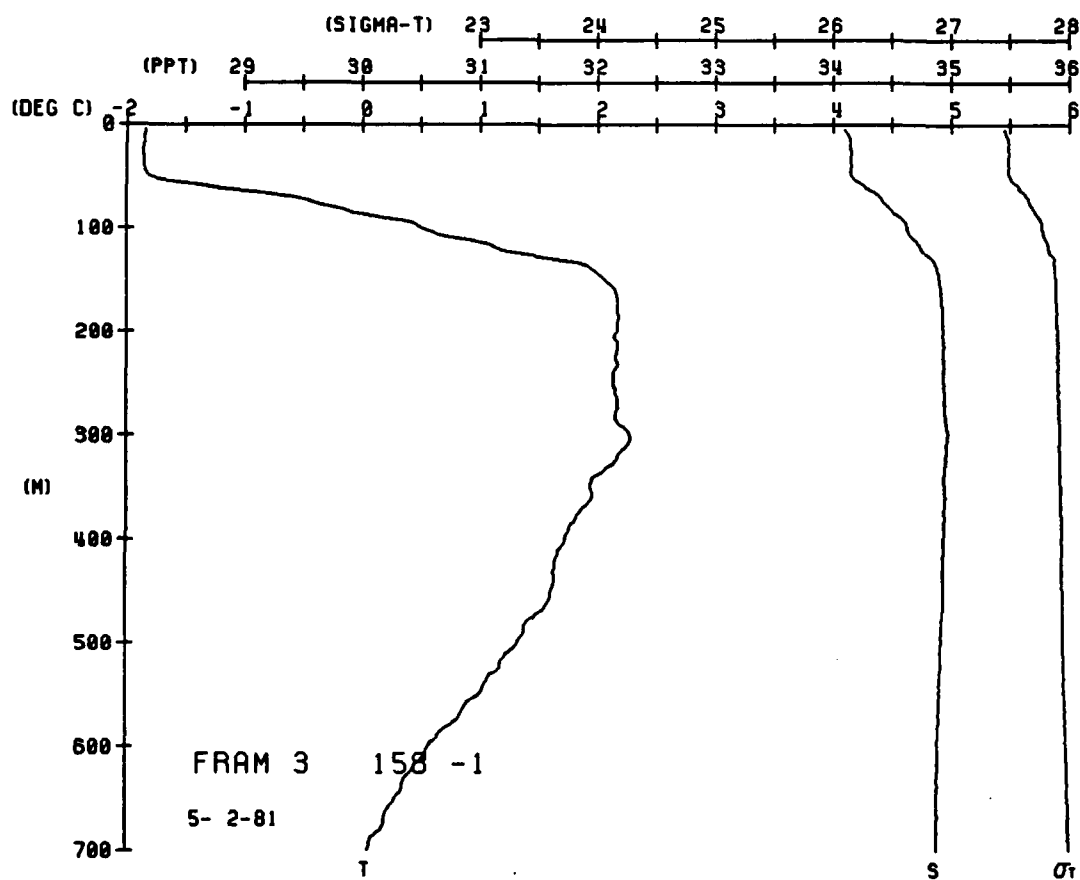
PARAM 3	STATION 157(1)	CTD	1 MAY/1981	2008	GMI CODE = 5		
LAT = 81.8005N	LONG =	5.120SE	WIND =	30.	UGEN = 30.		
AIR TEMP = 0.0	BAROM		(0.0 WIND) =	0.0	SPEED = 0.0		
AIN	SPVOL	DYNH	SOUND	DEPTH	TEMP	PTEMP	SALIN
6	70.9	0.000	1439.8	710.0	-0.09	-0.12	34.88
7	70.9	0.003	1439.8	740.0	-0.21	-0.24	34.88
8	69.7	0.004	1439.8	784.0	-0.25	-0.28	34.90

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
00	35.7	1.75	33.99	27.36	70.9	0.000	1439.8
04	35.5	1.75	33.99	27.36	70.9	0.003	1439.8
08	35.5	1.77	34.00	27.37	69.7	0.007	1439.8
12	35.5	1.77	34.00	27.37	61.58	0.010	1439.8
16	35.5	1.77	34.00	27.37	61.2	0.013	1439.8
20	35.5	1.77	34.00	27.37	58.4	0.016	1439.8
24	35.5	1.77	34.00	27.37	58.4	0.022	1440.0
28	35.5	1.77	34.00	27.37	58.4	0.025	1440.2
32	35.5	1.77	34.00	27.37	57.27	0.028	1440.4
36	35.5	1.77	34.00	27.37	57.27	0.031	1440.8
40	35.5	1.77	34.00	27.37	52.27	0.036	1442.3
44	35.5	1.77	34.00	27.37	52.27	0.039	1444.5
48	35.5	1.77	34.00	27.37	42.27	0.041	1446.5
52	35.5	1.77	34.00	27.37	40.1	0.043	1447.7
56	35.5	1.77	34.00	27.37	40.1	0.045	1448.1
60	35.5	1.77	34.00	27.37	37.15	0.047	1449.4
64	35.5	1.77	34.00	27.37	33.15	0.048	1449.5
68	35.5	1.77	34.00	27.37	33.15	0.052	1450.6
72	35.5	1.77	34.00	27.37	29.24	0.054	1451.2
76	35.5	1.77	34.00	27.37	29.24	0.057	1452.4
80	35.5	1.77	34.00	27.37	23.23	0.057	1453.3
84	35.5	1.77	34.00	27.37	23.23	0.062	1458.3
88	35.5	1.77	34.00	27.37	21.3	0.064	1458.8
92	35.5	1.77	34.00	27.37	21.3	0.066	1459.9
96	35.5	1.77	34.00	27.37	20.1	0.068	1461.1
100	35.5	1.77	34.00	27.37	20.1	0.070	1461.4
104	35.5	1.77	34.00	27.37	20.0	0.073	1461.7
108	35.5	1.77	34.00	27.37	20.0	0.075	1462.0
112	35.5	1.77	34.00	27.37	20.0	0.077	1462.5
116	35.5	1.77	34.00	27.37	19.2	0.081	1462.7
120	35.5	1.77	34.00	27.37	19.2	0.083	1462.8
124	35.5	1.77	34.00	27.37	18.6	0.085	1463.6
128	35.5	1.77	34.00	27.37	18.6	0.086	1463.7
132	35.5	1.77	34.00	27.37	18.2	0.088	1463.8
136	35.5	1.77	34.00	27.37	18.2	0.090	1464.0
140	35.5	1.77	34.00	27.37	18.4	0.094	1464.4
144	35.5	1.77	34.00	27.37	18.2	0.096	1464.4
148	35.5	1.77	34.00	27.37	18.4	0.098	1464.4
152	35.5	1.77	34.00	27.37	17.4	0.099	1464.0
156	35.5	1.77	34.00	27.37	17.4	0.101	1463.6
160	35.5	1.77	34.00	27.37	17.2	0.103	1463.8
164	35.5	1.77	34.00	27.37	17.2	0.105	1463.7
168	35.5	1.77	34.00	27.37	16.9	0.107	1463.6
172	35.5	1.77	34.00	27.37	16.9	0.108	1463.7
176	35.5	1.77	34.00	27.37	16.5	0.112	1463.7
180	35.5	1.77	34.00	27.37	16.5	0.115	1463.7
184	35.5	1.77	34.00	27.37	16.0	0.116	1463.6
188	35.5	1.77	34.00	27.37	15.7	0.118	1463.6
192	35.5	1.77	34.00	27.37	15.5	0.120	1463.7
196	35.5	1.77	34.00	27.37	15.5	0.121	



STATION 158(1) CID 2/MAY/1981 942 GMT CODE = 5
 LAT = 81.1935N LMG = 5.0278E LTRK = 30.0
 AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	84	1.84	34.08	27.44	63.4	0.000	1439.5
0.5	84	1.84	34.08	27.44	63.3	0.003	1439.5
1.0	84	1.84	34.08	27.44	62.1	0.003	1439.5
1.5	84	1.84	34.08	27.44	60.0	0.006	1439.5
2.0	84	1.84	34.08	27.44	54.5	0.009	1439.5
2.5	84	1.84	34.08	27.44	57.6	0.012	1439.5
3.0	84	1.84	34.08	27.44	57.8	0.015	1439.5
3.5	84	1.84	34.08	27.44	58.2	0.018	1440.0
4.0	84	1.84	34.08	27.44	58.2	0.021	1440.0
4.5	84	1.84	34.08	27.44	57.7	0.024	1440.0
5.0	84	1.84	34.08	27.44	57.7	0.027	1440.0
5.5	84	1.84	34.08	27.44	56.3	0.030	1440.0
6.0	84	1.84	34.08	27.44	53.7	0.033	1441.5
6.5	84	1.84	34.08	27.44	49.6	0.035	1441.5
7.0	84	1.84	34.08	27.44	45.0	0.038	1441.5
7.5	84	1.84	34.08	27.44	42.0	0.040	1441.5
8.0	84	1.84	34.08	27.44	40.9	0.042	1441.5
8.5	84	1.84	34.08	27.44	38.9	0.044	1441.5
9.0	84	1.84	34.08	27.44	35.9	0.046	1441.5
9.5	84	1.84	34.08	27.44	32.4	0.047	1451.2
10.0	84	1.84	34.08	27.44	31.0	0.049	1451.2
10.5	84	1.84	34.08	27.44	31.0	0.051	1451.2
11.0	84	1.84	34.08	27.44	28.5	0.054	1451.2
11.5	84	1.84	34.08	27.44	25.8	0.056	1451.2
12.0	84	1.84	34.08	27.44	21.5	0.059	1451.2
12.5	84	1.84	34.08	27.44	20.9	0.061	1460.8
13.0	84	1.84	34.08	27.44	20.9	0.063	1460.8
13.5	84	1.84	34.08	27.44	20.9	0.065	1461.5
14.0	84	1.84	34.08	27.44	20.9	0.069	1461.5
14.5	84	1.84	34.08	27.44	20.9	0.071	1461.5
15.0	84	1.84	34.08	27.44	20.9	0.073	1461.5
15.5	84	1.84	34.08	27.44	19.2	0.075	1461.5
16.0	84	1.84	34.08	27.44	19.2	0.077	1461.5
16.5	84	1.84	34.08	27.44	19.2	0.079	1461.5
17.0	84	1.84	34.08	27.44	19.2	0.081	1461.5
17.5	84	1.84	34.08	27.44	18.9	0.083	1461.5
18.0	84	1.84	34.08	27.44	18.9	0.085	1461.5
18.5	84	1.84	34.08	27.44	18.9	0.087	1461.5
19.0	84	1.84	34.08	27.44	18.9	0.089	1461.5
19.5	84	1.84	34.08	27.44	18.9	0.091	1461.5
20.0	84	1.84	34.08	27.44	18.9	0.093	1461.5
20.5	84	1.84	34.08	27.44	18.9	0.094	1461.5
21.0	84	1.84	34.08	27.44	18.9	0.096	1461.5
21.5	84	1.84	34.08	27.44	18.9	0.098	1461.5
22.0	84	1.84	34.08	27.44	18.9	0.098	1461.5
22.5	84	1.84	34.08	27.44	17.9	0.100	1461.5
23.0	84	1.84	34.08	27.44	17.9	0.102	1461.5
23.5	84	1.84	34.08	27.44	17.9	0.103	1461.5
24.0	84	1.84	34.08	27.44	17.9	0.105	1461.5
24.5	84	1.84	34.08	27.44	17.9	0.107	1461.5
25.0	84	1.84	34.08	27.44	17.9	0.109	1461.5
25.5	84	1.84	34.08	27.44	17.9	0.110	1461.5
26.0	84	1.84	34.08	27.44	17.9	0.112	1461.5
26.5	84	1.84	34.08	27.44	17.9	0.115	1461.5
27.0	84	1.84	34.08	27.44	17.9	0.117	1461.5
27.5	84	1.84	34.08	27.44	17.9	0.118	1461.5
28.0	84	1.84	34.08	27.44	17.9	0.120	1461.5
28.5	84	1.84	34.08	27.44	17.9	0.121	1461.5
29.0	84	1.84	34.08	27.44	17.9	0.123	1461.5
29.5	84	1.84	34.08	27.44	17.9	0.125	1461.5
30.0	84	1.84	34.08	27.44	17.9	0.126	1461.5
30.5	84	1.84	34.08	27.44	17.9	0.130	1461.5
31.0	84	1.84	34.08	27.44	17.9	0.135	1461.5
31.5	84	1.84	34.08	27.44	17.9	0.138	1461.5
32.0	84	1.84	34.08	27.44	17.9	0.142	1461.5
32.5	84	1.84	34.08	27.44	17.9	0.145	1461.5
33.0	84	1.84	34.08	27.44	17.9	0.148	1461.5

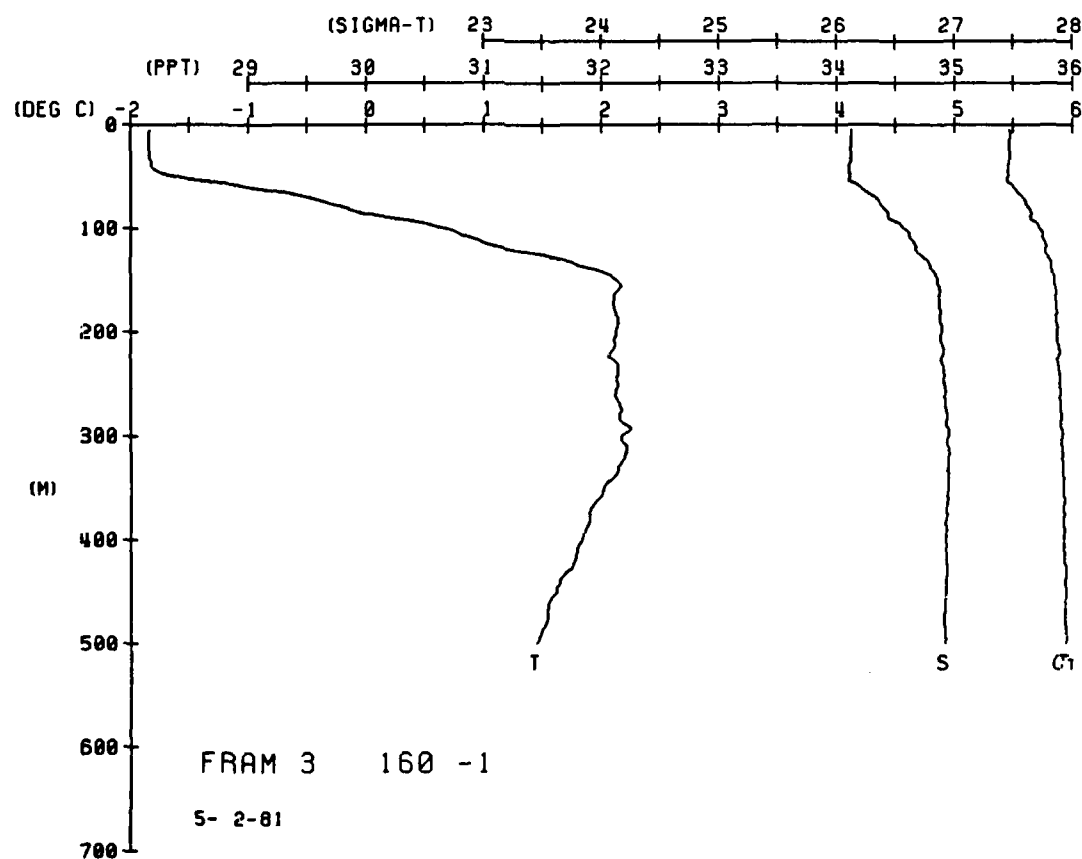
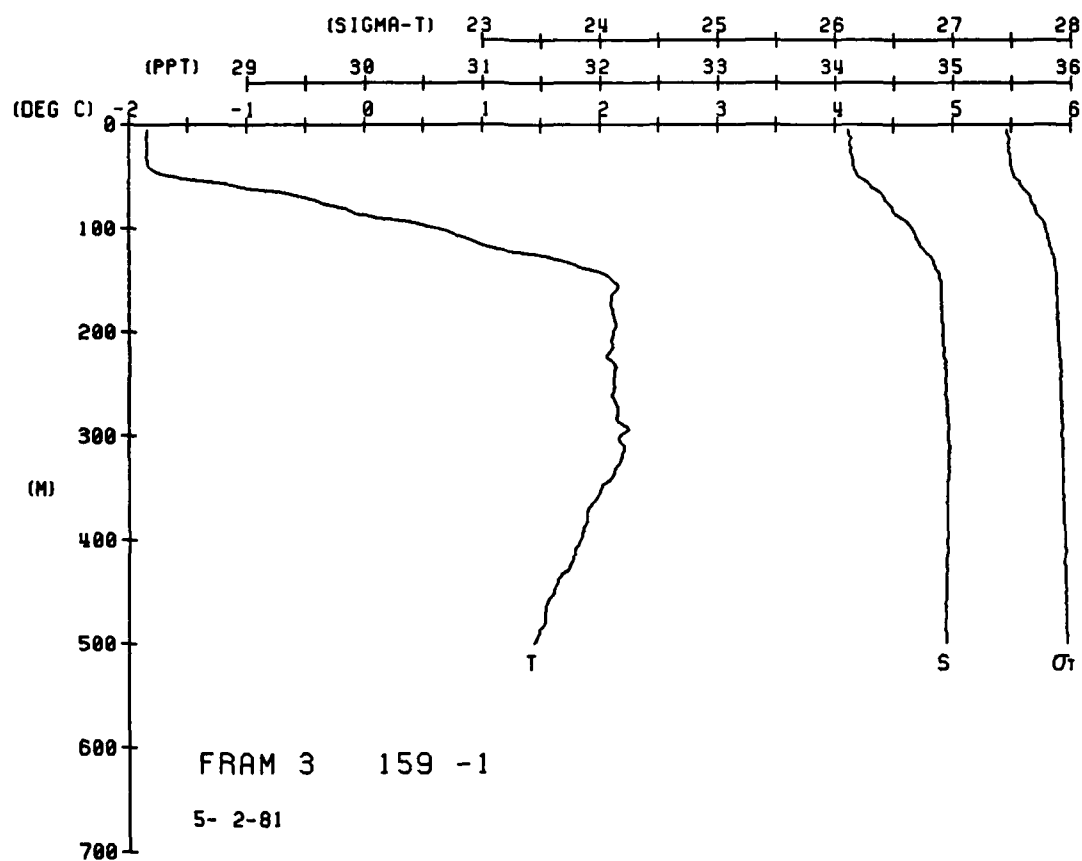


FRAM 3 STATION 159(1) CTD 2/MAY/1981 1511 GMT CODE = 5
LAT = 81.7958N LNG = 30.0 LGEM = 30.0
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNNI	SOUND
0.0	8.4	8.4	34.11	27.46	5.5	0.002	1439.5
5.0	8.4	8.4	34.11	27.46	6.1	0.003	1439.6
10.0	8.5	8.5	34.11	27.47	6.1	0.006	1439.7
15.0	8.5	8.5	34.11	27.48	6.1	0.009	1439.8
20.0	8.5	8.5	34.11	27.49	6.1	0.012	1439.9
25.0	8.5	8.5	34.11	27.49	6.1	0.015	1440.0
30.0	8.5	8.5	34.11	27.49	6.1	0.018	1440.1
35.0	8.5	8.5	34.11	27.49	6.1	0.021	1440.2
40.0	8.5	8.5	34.11	27.49	6.1	0.024	1440.3
45.0	8.5	8.5	34.11	27.49	6.1	0.027	1440.4
50.0	8.5	8.5	34.11	27.49	6.1	0.030	1440.5
55.0	8.5	8.5	34.11	27.49	6.1	0.033	1440.6
60.0	8.5	8.5	34.11	27.49	6.1	0.036	1440.7
65.0	8.5	8.5	34.11	27.49	6.1	0.039	1440.8
70.0	8.5	8.5	34.11	27.49	6.1	0.042	1440.9
75.0	8.5	8.5	34.11	27.49	6.1	0.045	1441.0
80.0	8.5	8.5	34.11	27.49	6.1	0.048	1441.1
85.0	8.5	8.5	34.11	27.49	6.1	0.051	1441.2
90.0	8.5	8.5	34.11	27.49	6.1	0.054	1441.3
95.0	8.5	8.5	34.11	27.49	6.1	0.057	1441.4
100.0	8.5	8.5	34.11	27.49	6.1	0.060	1441.5
105.0	8.5	8.5	34.11	27.49	6.1	0.063	1441.6
110.0	8.5	8.5	34.11	27.49	6.1	0.066	1441.7
115.0	8.5	8.5	34.11	27.49	6.1	0.069	1441.8
120.0	8.5	8.5	34.11	27.49	6.1	0.072	1441.9
125.0	8.5	8.5	34.11	27.49	6.1	0.075	1442.0
130.0	8.5	8.5	34.11	27.49	6.1	0.078	1442.1
135.0	8.5	8.5	34.11	27.49	6.1	0.081	1442.2
140.0	8.5	8.5	34.11	27.49	6.1	0.084	1442.3
145.0	8.5	8.5	34.11	27.49	6.1	0.087	1442.4
150.0	8.5	8.5	34.11	27.49	6.1	0.090	1442.5
155.0	8.5	8.5	34.11	27.49	6.1	0.093	1442.6
160.0	8.5	8.5	34.11	27.49	6.1	0.096	1442.7
165.0	8.5	8.5	34.11	27.49	6.1	0.099	1442.8
170.0	8.5	8.5	34.11	27.49	6.1	0.102	1442.9
175.0	8.5	8.5	34.11	27.49	6.1	0.105	1443.0
180.0	8.5	8.5	34.11	27.49	6.1	0.108	1443.1
185.0	8.5	8.5	34.11	27.49	6.1	0.111	1443.2
190.0	8.5	8.5	34.11	27.49	6.1	0.114	1443.3
195.0	8.5	8.5	34.11	27.49	6.1	0.117	1443.4
200.0	8.5	8.5	34.11	27.49	6.1	0.120	1443.5
205.0	8.5	8.5	34.11	27.49	6.1	0.123	1443.6
210.0	8.5	8.5	34.11	27.49	6.1	0.126	1443.7
215.0	8.5	8.5	34.11	27.49	6.1	0.129	1443.8
220.0	8.5	8.5	34.11	27.49	6.1	0.132	1443.9
225.0	8.5	8.5	34.11	27.49	6.1	0.135	1444.0
230.0	8.5	8.5	34.11	27.49	6.1	0.138	1444.1
235.0	8.5	8.5	34.11	27.49	6.1	0.141	1444.2
240.0	8.5	8.5	34.11	27.49	6.1	0.144	1444.3
245.0	8.5	8.5	34.11	27.49	6.1	0.147	1444.4
250.0	8.5	8.5	34.11	27.49	6.1	0.150	1444.5
255.0	8.5	8.5	34.11	27.49	6.1	0.153	1444.6
260.0	8.5	8.5	34.11	27.49	6.1	0.156	1444.7
265.0	8.5	8.5	34.11	27.49	6.1	0.159	1444.8
270.0	8.5	8.5	34.11	27.49	6.1	0.162	1444.9
275.0	8.5	8.5	34.11	27.49	6.1	0.165	1445.0
280.0	8.5	8.5	34.11	27.49	6.1	0.168	1445.1
285.0	8.5	8.5	34.11	27.49	6.1	0.171	1445.2
290.0	8.5	8.5	34.11	27.49	6.1	0.174	1445.3
295.0	8.5	8.5	34.11	27.49	6.1	0.177	1445.4
300.0	8.5	8.5	34.11	27.49	6.1	0.180	1445.5
305.0	8.5	8.5	34.11	27.49	6.1	0.183	1445.6
310.0	8.5	8.5	34.11	27.49	6.1	0.186	1445.7
315.0	8.5	8.5	34.11	27.49	6.1	0.189	1445.8
320.0	8.5	8.5	34.11	27.49	6.1	0.192	1445.9
325.0	8.5	8.5	34.11	27.49	6.1	0.195	1446.0
330.0	8.5	8.5	34.11	27.49	6.1	0.198	1446.1
335.0	8.5	8.5	34.11	27.49	6.1	0.201	1446.2
340.0	8.5	8.5	34.11	27.49	6.1	0.204	1446.3
345.0	8.5	8.5	34.11	27.49	6.1	0.207	1446.4
350.0	8.5	8.5	34.11	27.49	6.1	0.210	1446.5
355.0	8.5	8.5	34.11	27.49	6.1	0.213	1446.6
360.0	8.5	8.5	34.11	27.49	6.1	0.216	1446.7
365.0	8.5	8.5	34.11	27.49	6.1	0.219	1446.8
370.0	8.5	8.5	34.11	27.49	6.1	0.222	1446.9
375.0	8.5	8.5	34.11	27.49	6.1	0.225	1447.0
380.0	8.5	8.5	34.11	27.49	6.1	0.228	1447.1
385.0	8.5	8.5	34.11	27.49	6.1	0.231	1447.2
390.0	8.5	8.5	34.11	27.49	6.1	0.234	1447.3
395.0	8.5	8.5	34.11	27.49	6.1	0.237	1447.4
400.0	8.5	8.5	34.11	27.49	6.1	0.240	1447.5
405.0	8.5	8.5	34.11	27.49	6.1	0.243	1447.6
410.0	8.5	8.5	34.11	27.49	6.1	0.246	1447.7
415.0	8.5	8.5	34.11	27.49	6.1	0.249	1447.8
420.0	8.5	8.5	34.11	27.49	6.1	0.252	1447.9
425.0	8.5	8.5	34.11	27.49	6.1	0.255	1448.0
430.0	8.5	8.5	34.11	27.49	6.1	0.258	1448.1
435.0	8.5	8.5	34.11	27.49	6.1	0.261	1448.2
440.0	8.5	8.5	34.11	27.49	6.1	0.264	1448.3
445.0	8.5	8.5	34.11	27.49	6.1	0.267	1448.4
450.0	8.5	8.5	34.11	27.49	6.1	0.270	1448.5
455.0	8.5	8.5	34.11	27.49	6.1	0.273	1448.6
460.0	8.5	8.5	34.11	27.49	6.1	0.276	1448.7
465.0	8.5	8.5	34.11	27.49	6.1	0.279	1448.8
470.0	8.5	8.5	34.11	27.49	6.1	0.282	1448.9
475.0	8.5	8.5	34.11	27.49	6.1	0.285	1449.0
480.0	8.5	8.5	34.11	27.49	6.1	0.288	1449.1
485.0	8.5	8.5	34.11	27.49	6.1	0.291	1449.2
490.0	8.5	8.5	34.11	27.49	6.1	0.294	1449.3
495.0	8.5	8.5	34.11	27.49	6.1	0.297	1449.4
500.0	8.5	8.5	34.11	27.49	6.1	0.300	1449.5

FRAM 3 STATION 160(1) CTD 2/MAY/1981 1512 GMT CODE = 5
LAT = 81.7958N LNG = 30.0 LGEM = 30.0
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNNI	SOUND
0.0	8.4	8.4	34.12	27.47	5.5	0.000	1439.5
5.0	8.4	8.4	34.12	27.47	6.0	0.002	1439.6
10.0	8.4	8.4	34.12	27.47	6.0	0.003	1439.7
15.0	8.4	8.4	34.12	27.47	6.0	0.006	1439.8
20.0	8.4	8.4	34.12	27.47	6.0	0.009	1439.9
25.0	8.4	8.4	34.12	27.47	6.0	0.012	1440.0
30.0	8.4	8.4	34.12	27.47	6.0	0.015	1440.1
35.0	8.4	8.4	34.12	27.47	6.0	0.018	1440.2
40.0	8.4	8.4	34.12	27.47	6.0	0.021	1440.3
45.0	8.4	8.4	34.12	27.47	6.0	0.024	1440.4
50.0	8.4	8.4	34.12	27.47	6.0	0.027	1440.5
55.0	8.4	8.4	34.12	27.47	6.0	0.030	1440.6
60.0	8.4	8.4	34.12	27.47	6.0	0.033	1440.7
65.0	8.4	8.4	34.12	27.47	6.0	0.036	1440.8
70.0	8.4	8.4	34.12	27.47	6.0	0.039	1440.9
75.0	8.4	8.4	34.12	27.47	6.0	0.042	1441.0
80.0	8.4	8.4	34.12	27.47	6.0	0.045	1441.1
85.0	8.4	8.4	34.12	27.47	6.0	0.048	1441.2
90.0	8.4	8.4	34.12	27.47	6.0	0.051	1441.3
95.0	8.4	8.4	34.12	27.47	6.0	0.054	1441.4
100.0	8.4	8.4	34.12	27.47	6.0	0.057	1441.5
105.0	8.4	8.4	34.12	27.47	6.0	0.060	1441.6
110.0	8.4	8.4	34.12	27.47	6.0	0.063	1441.7
115.0	8.4	8.4	34.12	27.47	6.0	0.066	1441.8
120.0	8.4	8.4	34.12	27.47	6.0	0.069	1441.9
125.0	8.4	8.4	34.12	27.47	6.0	0.072	1442.0
130.0	8.4	8.4	34.12	27.47	6.0	0.075	1442.1
135.0	8.4	8.4	34.12	27.47	6.0	0.078	1442.2
140.0	8.4	8.4	34.12	27.47	6.0	0.081	1442.3
145.0	8.4	8.4	34.12	27.47	6.0	0.084	1442.4
150.0	8.4	8.4	34.12	27.47	6.0	0.087	1442.5
155.0	8.4	8.4	34.12	27.47	6.0	0.090	1442.6
160.0	8.4	8.4	34.12	27.47	6.0	0.093	1442.7
165.0	8.4	8.4	34.12	27.47	6.0	0.096	1442.8
170.0	8.4	8.4	34.12	27.47	6.0	0.099	1442.9
175.0	8.4	8.4	34.12	27.47	6.0	0.102	1443.0
180.0	8.4	8.4	34.12	27.47	6.0	0.105	1443.1
185.0	8.4	8.4	34.12	27.47	6.0	0.108	1443.2
190.0	8.4	8.4	34.12	27.47	6.0	0.111	1443.3
195.0	8.4	8.4	34.12	27.47	6.0	0.114	1443.4
200.0	8.4	8.4	34.12	27.47	6.0	0.117	1443.5
205.0	8.4	8.4	34.12	27.47	6.0	0.120	1443.6
210.0	8.4	8.4	34.12	27.47	6.0	0.123	1443.7
215.0	8.4	8.4	34.12	27.47	6.0	0.126	1443.8
220.0	8.4	8.4	34.12	27.47	6.0	0.129	1443.9
225.0	8.4	8.4	34.12	27.47	6.0	0.132	1444.0
230.0	8.4	8.4	34.12	27.47	6.0	0.135	1444.1
235.0	8.4	8.4	34.12	27.47	6.0	0.138	1444.2
240.0	8.4	8.4	34.12	27.47	6.0	0.141	1444.3
245.0	8.4	8.4	34.12	27.47	6.0	0.144	1444.4
250.0	8.4	8.4	34.12	27.47	6.0	0.147	1444.5



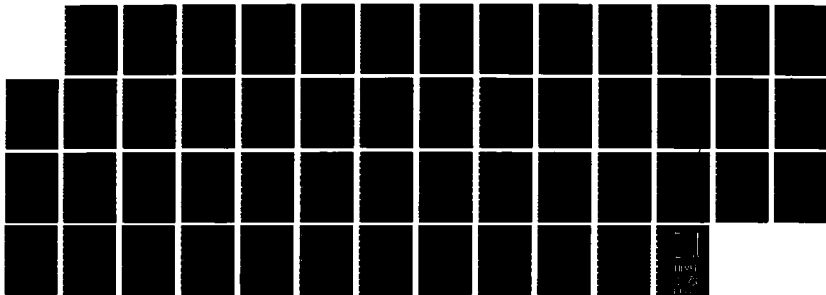
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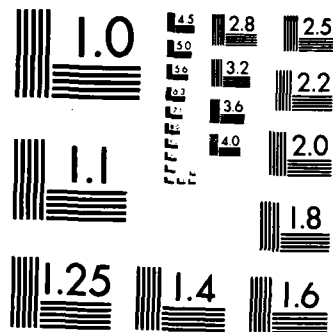
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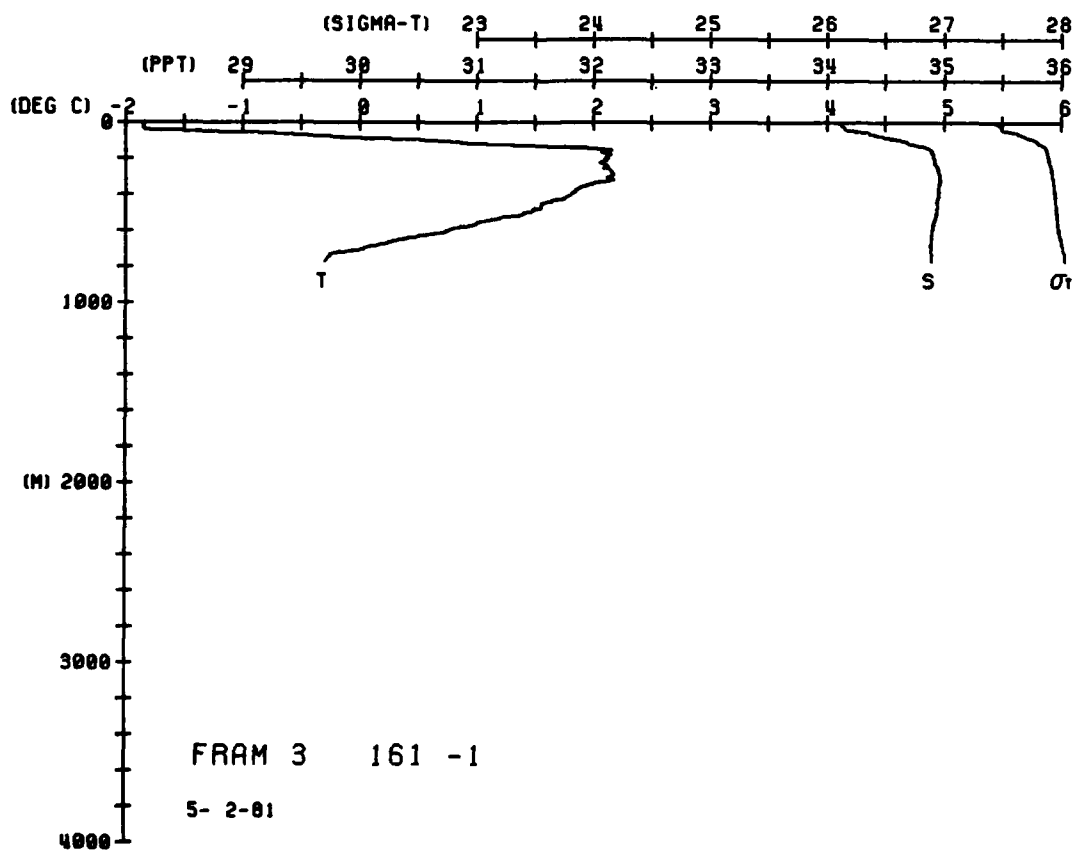
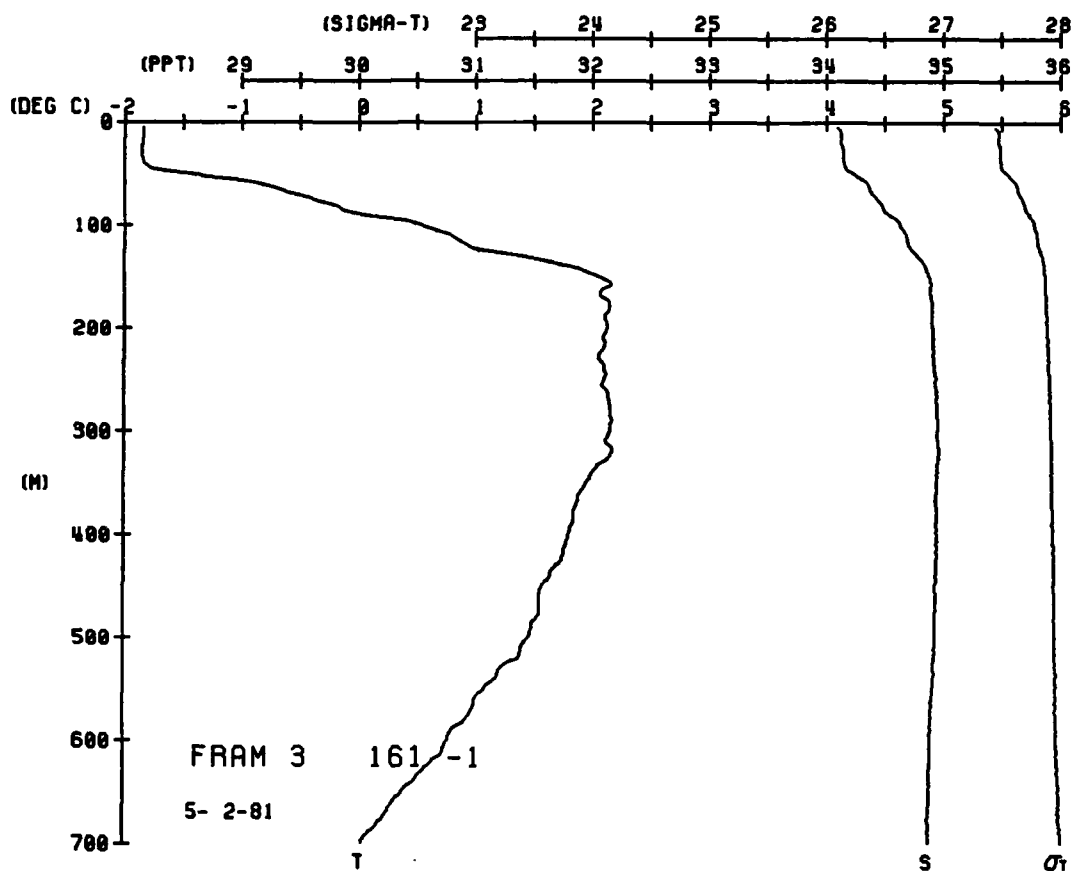




MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

FRAM 3 STATION 161(1) CTD 2/MAY/1981 1538 GMT CODE = 5
 LAT = 81.7955N LNC = 30.0192E LGK = 30
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNNI	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNNI	SOUND
0	84	84	34.08	27.43	64.94	0.000	1439.5	710.0	-0.02	-0.05	34.89	28.02	8.2	0.153	1460.9
5	84	84	34.08	27.43	63.94	0.003	1439.5	740.0	-0.25	-0.28	34.89	28.04	6.4	0.155	1460.3
10	84	84	34.08	27.43	59.94	0.009	1439.7	773.2	-0.31	-0.35	34.89	28.04	5.9	0.157	1460.6
15	84	84	34.08	27.43	59.94	0.012	1439.7								
20	84	84	34.08	27.43	58.94	0.018	1439.9								
25	84	84	34.08	27.43	57.94	0.024	1440.1								
30	84	84	34.08	27.43	57.94	0.027	1440.1								
35	84	84	34.08	27.43	57.94	0.030	1440.1								
40	84	84	34.08	27.43	57.94	0.032	1440.1								
45	84	84	34.08	27.43	57.94	0.035	1440.1								
50	84	84	34.08	27.43	57.94	0.037	1440.1								
55	84	84	34.08	27.43	57.94	0.039	1440.1								
60	84	84	34.08	27.43	57.94	0.041	1440.1								
65	84	84	34.08	27.43	57.94	0.043	1440.1								
70	84	84	34.08	27.43	57.94	0.045	1440.1								
75	84	84	34.08	27.43	57.94	0.047	1440.1								
80	84	84	34.08	27.43	57.94	0.048	1440.1								
85	84	84	34.08	27.43	57.94	0.050	1440.1								
90	84	84	34.08	27.43	57.94	0.053	1440.1								
95	84	84	34.08	27.43	57.94	0.056	1440.1								
100	84	84	34.08	27.43	57.94	0.058	1440.1								
110	84	84	34.08	27.43	57.94	0.063	1440.1								
120	84	84	34.08	27.43	57.94	0.068	1440.1								
130	84	84	34.08	27.43	57.94	0.072	1440.1								
140	84	84	34.08	27.43	57.94	0.074	1440.1								
150	84	84	34.08	27.43	57.94	0.076	1440.1								
160	84	84	34.08	27.43	57.94	0.078	1440.1								
170	84	84	34.08	27.43	57.94	0.082	1440.1								
180	84	84	34.08	27.43	57.94	0.084	1440.1								
190	84	84	34.08	27.43	57.94	0.086	1440.1								
200	84	84	34.08	27.43	57.94	0.088	1440.1								
210	84	84	34.08	27.43	57.94	0.090	1440.1								
220	84	84	34.08	27.43	57.94	0.092	1440.1								
230	84	84	34.08	27.43	57.94	0.094	1440.1								
240	84	84	34.08	27.43	57.94	0.096	1440.1								
250	84	84	34.08	27.43	57.94	0.098	1440.1								
260	84	84	34.08	27.43	57.94	0.101	1440.1								
270	84	84	34.08	27.43	57.94	0.103	1440.1								
280	84	84	34.08	27.43	57.94	0.107	1440.1								
290	84	84	34.08	27.43	57.94	0.108	1440.1								
300	84	84	34.08	27.43	57.94	0.112	1440.1								
310	84	84	34.08	27.43	57.94	0.113	1440.1								
320	84	84	34.08	27.43	57.94	0.115	1440.1								
330	84	84	34.08	27.43	57.94	0.117	1440.1								
340	84	84	34.08	27.43	57.94	0.119	1440.1								
350	84	84	34.08	27.43	57.94	0.120	1440.1								
360	84	84	34.08	27.43	57.94	0.122	1440.1								
370	84	84	34.08	27.43	57.94	0.123	1440.1								
380	84	84	34.08	27.43	57.94	0.125	1440.1								
390	84	84	34.08	27.43	57.94	0.126	1440.1								
400	84	84	34.08	27.43	57.94	0.128	1440.1								
410	84	84	34.08	27.43	57.94	0.129	1440.1								
420	84	84	34.08	27.43	57.94	0.130	1440.1								
430	84	84	34.08	27.43	57.94	0.132	1440.1								
440	84	84	34.08	27.43	57.94	0.133	1440.1								
450	84	84	34.08	27.43	57.94	0.135	1440.1								
460	84	84	34.08	27.43	57.94	0.136	1440.1								
470	84	84	34.08	27.43	57.94	0.137	1440.1								
480	84	84	34.08	27.43	57.94	0.138	1440.1								
490	84	84	34.08	27.43	57.94	0.139	1440.1								
500	84	84	34.08	27.43	57.94	0.140	1440.1								
510	84	84	34.08	27.43	57.94	0.141	1440.1								
520	84	84	34.08	27.43	57.94	0.142	1440.1								
530	84	84	34.08	27.43	57.94	0.143	1440.1								
540	84	84	34.08	27.43	57.94	0.144	1440.1								
550	84	84	34.08	27.43	57.94	0.145	1440.1								
560	84	84	34.08	27.43	57.94	0.146	1440.1								
570	84	84	34.08	27.43	57.94	0.147	1440.1								
580	84	84	34.08	27.43	57.94	0.148	1440.1								
590	84	84	34.08	27.43	57.94	0.149	1440.1								
600	84	84	34.08	27.43	57.94	0.150	1440.1								

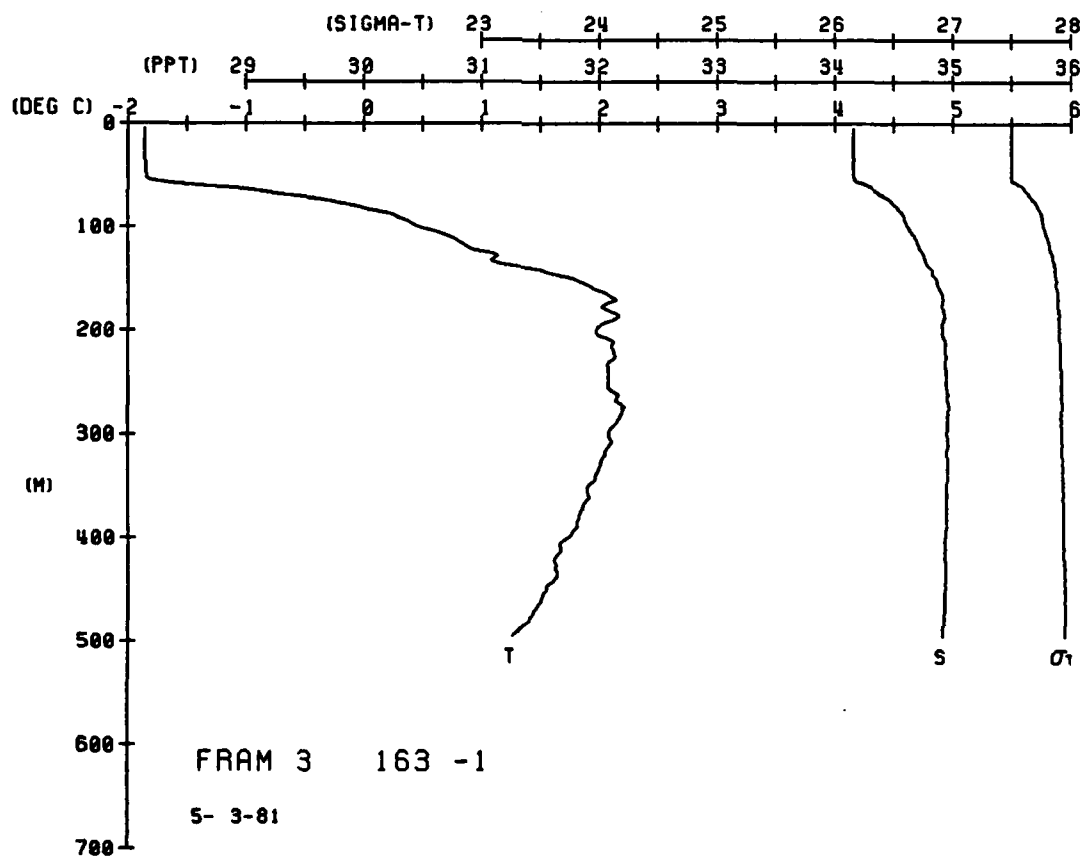
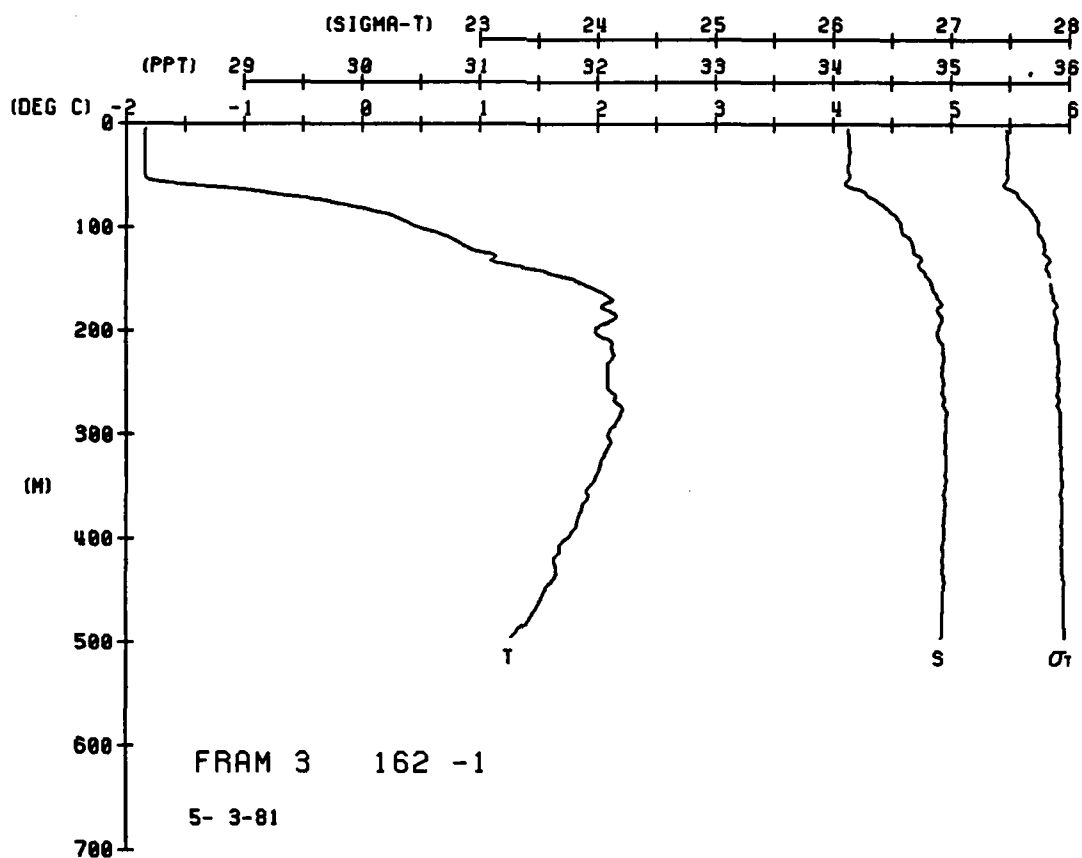


FRAM 3 STATION 162(1) CPU 3/MAY/1981 1206 GMT CODE = 5
LAT = 81.8052N LNC = 4.547E LTER = 30.0
AIR TEMP = 0.0 WIND = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHI	SOUND
0.0	84	84	34.13	27.47	60.2	0.000	1439.5
5.0	84	84	34.13	27.47	60.2	0.002	1439.6
10.0	84	84	34.13	27.47	60.2	0.006	1439.7
15.0	84	84	34.13	27.47	60.2	0.009	1439.8
20.0	84	84	34.13	27.47	60.2	0.012	1439.9
25.0	84	84	34.13	27.47	60.2	0.014	1440.0
30.0	84	84	34.13	27.47	60.2	0.021	1440.1
35.0	84	84	34.13	27.47	60.2	0.027	1440.2
40.0	84	84	34.13	27.47	60.2	0.033	1440.3
45.0	84	84	34.13	27.47	60.2	0.039	1440.4
50.0	84	84	34.13	27.47	60.2	0.044	1440.5
55.0	84	84	34.13	27.47	60.2	0.046	1440.6
60.0	84	84	34.13	27.47	60.2	0.050	1440.7
65.0	84	84	34.13	27.47	60.2	0.052	1440.8
70.0	84	84	34.13	27.47	60.2	0.054	1440.9
75.0	84	84	34.13	27.47	60.2	0.057	1441.0
80.0	84	84	34.13	27.47	60.2	0.060	1441.1
85.0	84	84	34.13	27.47	60.2	0.063	1441.2
90.0	84	84	34.13	27.47	60.2	0.066	1441.3
95.0	84	84	34.13	27.47	60.2	0.068	1441.4
100.0	84	84	34.13	27.47	60.2	0.071	1441.5
105.0	84	84	34.13	27.47	60.2	0.073	1441.6
110.0	84	84	34.13	27.47	60.2	0.077	1441.7
115.0	84	84	34.13	27.47	60.2	0.080	1441.8
120.0	84	84	34.13	27.47	60.2	0.082	1441.9
125.0	84	84	34.13	27.47	60.2	0.084	1442.0
130.0	84	84	34.13	27.47	60.2	0.088	1442.1
135.0	84	84	34.13	27.47	60.2	0.089	1442.2
140.0	84	84	34.13	27.47	60.2	0.092	1442.3
145.0	84	84	34.13	27.47	60.2	0.094	1442.4
150.0	84	84	34.13	27.47	60.2	0.096	1442.5
155.0	84	84	34.13	27.47	60.2	0.098	1442.6
160.0	84	84	34.13	27.47	60.2	0.100	1442.7
165.0	84	84	34.13	27.47	60.2	0.102	1442.8
170.0	84	84	34.13	27.47	60.2	0.103	1442.9
175.0	84	84	34.13	27.47	60.2	0.105	1443.0
180.0	84	84	34.13	27.47	60.2	0.107	1443.1
185.0	84	84	34.13	27.47	60.2	0.109	1443.2
190.0	84	84	34.13	27.47	60.2	0.111	1443.3
195.0	84	84	34.13	27.47	60.2	0.112	1443.4
200.0	84	84	34.13	27.47	60.2	0.114	1443.5
205.0	84	84	34.13	27.47	60.2	0.116	1443.6
210.0	84	84	34.13	27.47	60.2	0.118	1443.7
215.0	84	84	34.13	27.47	60.2	0.119	1443.8
220.0	84	84	34.13	27.47	60.2	0.121	1443.9
225.0	84	84	34.13	27.47	60.2	0.123	1444.0
230.0	84	84	34.13	27.47	60.2	0.125	1444.1
235.0	84	84	34.13	27.47	60.2	0.126	1444.2
240.0	84	84	34.13	27.47	60.2	0.128	1444.3
245.0	84	84	34.13	27.47	60.2	0.130	1444.4
250.0	84	84	34.13	27.47	60.2	0.133	1444.5
255.0	84	84	34.13	27.47	60.2	0.134	1444.6
260.0	84	84	34.13	27.47	60.2	0.136	1444.7
265.0	84	84	34.13	27.47	60.2	0.138	1444.8
270.0	84	84	34.13	27.47	60.2	0.140	1444.9
275.0	84	84	34.13	27.47	60.2	0.142	1445.0
280.0	84	84	34.13	27.47	60.2	0.144	1445.1
285.0	84	84	34.13	27.47	60.2	0.146	1445.2
290.0	84	84	34.13	27.47	60.2	0.148	1445.3
295.0	84	84	34.13	27.47	60.2	0.150	1445.4
300.0	84	84	34.13	27.47	60.2	0.152	1445.5
305.0	84	84	34.13	27.47	60.2	0.154	1445.6
310.0	84	84	34.13	27.47	60.2	0.156	1445.7
315.0	84	84	34.13	27.47	60.2	0.158	1445.8
320.0	84	84	34.13	27.47	60.2	0.160	1445.9
325.0	84	84	34.13	27.47	60.2	0.162	1446.0
330.0	84	84	34.13	27.47	60.2	0.164	1446.1
335.0	84	84	34.13	27.47	60.2	0.166	1446.2
340.0	84	84	34.13	27.47	60.2	0.168	1446.3
345.0	84	84	34.13	27.47	60.2	0.170	1446.4
350.0	84	84	34.13	27.47	60.2	0.172	1446.5
355.0	84	84	34.13	27.47	60.2	0.174	1446.6
360.0	84	84	34.13	27.47	60.2	0.176	1446.7
365.0	84	84	34.13	27.47	60.2	0.178	1446.8
370.0	84	84	34.13	27.47	60.2	0.180	1446.9
375.0	84	84	34.13	27.47	60.2	0.182	1447.0
380.0	84	84	34.13	27.47	60.2	0.184	1447.1
385.0	84	84	34.13	27.47	60.2	0.186	1447.2
390.0	84	84	34.13	27.47	60.2	0.188	1447.3
395.0	84	84	34.13	27.47	60.2	0.190	1447.4
400.0	84	84	34.13	27.47	60.2	0.192	1447.5
405.0	84	84	34.13	27.47	60.2	0.194	1447.6
410.0	84	84	34.13	27.47	60.2	0.196	1447.7
415.0	84	84	34.13	27.47	60.2	0.198	1447.8
420.0	84	84	34.13	27.47	60.2	0.200	1447.9
425.0	84	84	34.13	27.47	60.2	0.202	1448.0
430.0	84	84	34.13	27.47	60.2	0.204	1448.1
435.0	84	84	34.13	27.47	60.2	0.206	1448.2
440.0	84	84	34.13	27.47	60.2	0.208	1448.3
445.0	84	84	34.13	27.47	60.2	0.210	1448.4
450.0	84	84	34.13	27.47	60.2	0.212	1448.5
455.0	84	84	34.13	27.47	60.2	0.214	1448.6
460.0	84	84	34.13	27.47	60.2	0.216	1448.7
465.0	84	84	34.13	27.47	60.2	0.218	1448.8
470.0	84	84	34.13	27.47	60.2	0.220	1448.9
475.0	84	84	34.13	27.47	60.2	0.222	1449.0
480.0	84	84	34.13	27.47	60.2	0.224	1449.1
485.0	84	84	34.13	27.47	60.2	0.226	1449.2
490.0	84	84	34.13	27.47	60.2	0.228	1449.3
495.0	84	84	34.13	27.47	60.2	0.230	1449.4
500.0	84	84	34.13	27.47	60.2	0.232	1449.5

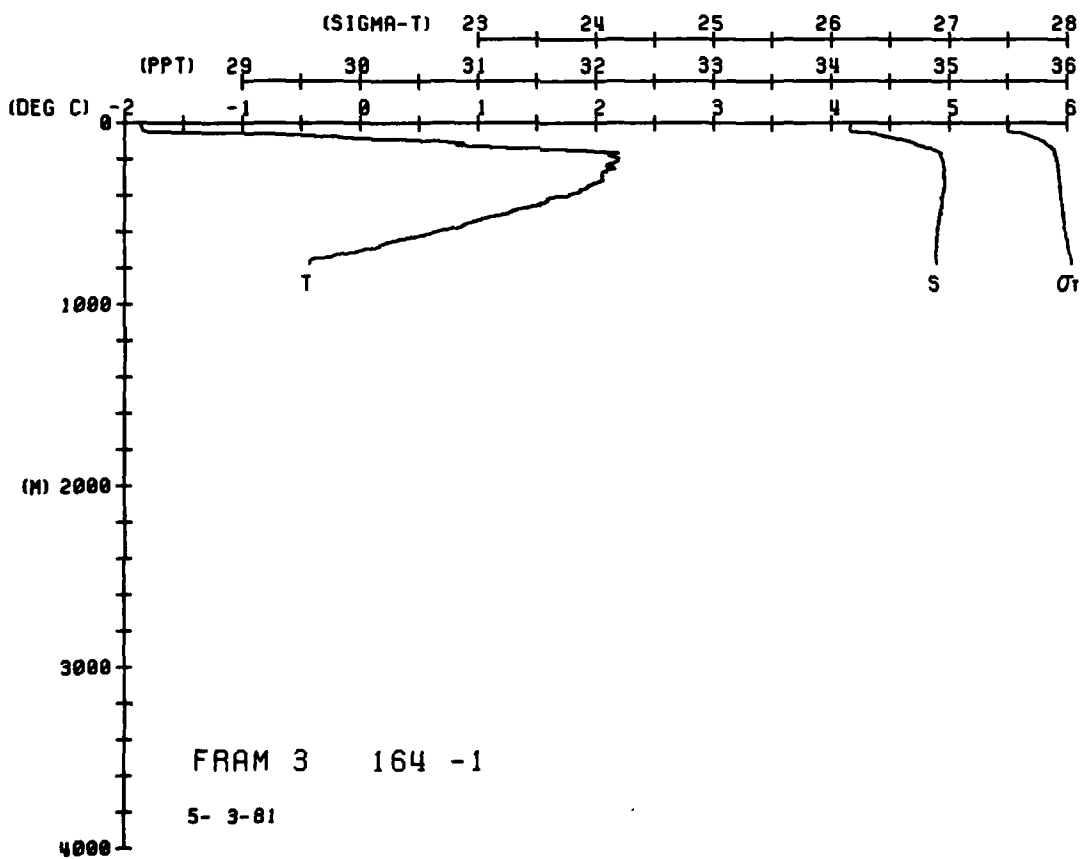
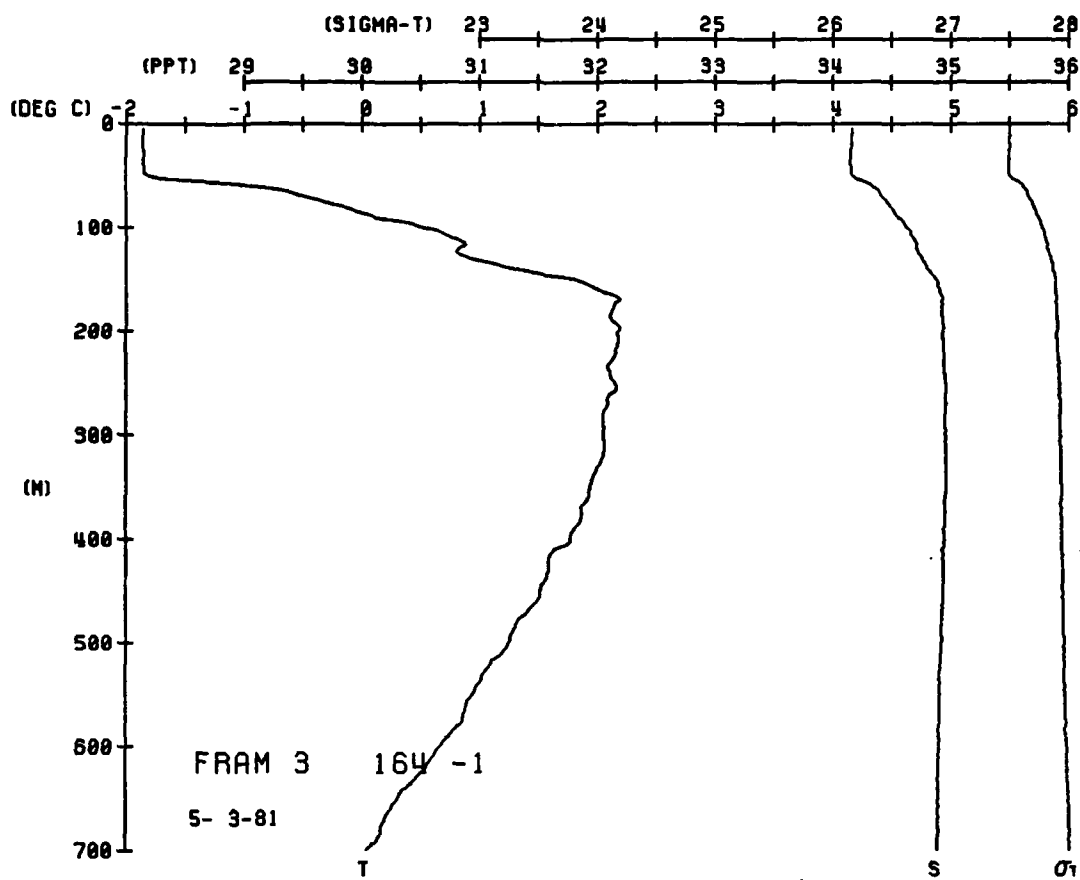
FRAM 3 STATION 163(1) CPU 3/MAY/1981 1204 GMT CODE = 5
LAT = 81.8052N LNC = 4.7558E LTER = 30.0
AIR TEMP = 0.0 WIND = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHI	SOUND
0.0	86	-1.86	34.16	27.50	57.3	0.000	1439.5
5.0	86	-1.86	34.16	27.50	57.3	0.002	1439.6
10.0	86	-1.86	34.16	27.50	57.3	0.006	1439.7
15.0	86	-1.86	34.16	27.50	57.3	0.009	1439.8
20.0	86	-1.86	34.16	27.50	57.3	0.017	1439.9
25.0	86	-1.86	34.16	27.50	57.3	0.020	1440.0
30.0	86	-1.86	34.16	27.50	57.3	0.023	1440.1
35.0	86	-1.86	34.16	27.50	57.3	0.026	1440.2
40.0	86	-1.86	34.16	27.50	57.3	0.032	1440.3
45.0	86	-1.86	34.16	27.50	57.3	0.037	1440.4
50.0	86	-1.86	34.16	27.50	57.3	0.041	1440.5
55.0	86	-1.86	34.16	27.50	57.3	0.043	1440.6
60.0	86	-1.86	34.16	27.50	57.3	0.046	1440.7
65.0	86	-1.86	34.16	27.50	57.3	0.050	1440.8
70.0	86	-1.86	34.16	27.50	57.3	0.053	1440.9
75.0	86	-1.86	34.16	27.50	57.3	0.055	1441.0
80.0	86	-1.86	34.16	27.50	57.3	0.058	1441.1
85.0	86	-1.86	34.16	27.50	57.3	0.060	1441.2
90.0	86	-1.86	34.16	27.50	57.3	0.065	1441.3
95.0	86	-1.86	34.16	27.50	57.3	0.067	1441.4
100.0	86	-1.86	34.16	27.50	57.3	0.069	1441.5
105.0	86	-1.86	34.16	27.50	57.3	0.071	1441.6
110.0	86	-1.86	34.16	27.50	57.3	0.073	1441.7
115.0	86	-1.86	34.16	27.50	57.3	0.075	1441.8
120.0	86	-1.86	34.16	27.50	57.3	0.077	1441.9
125.0	86	-1.86	34.16	27.50	57.3	0.079	1442.0
130.0	86	-1.86	34.16	27.50	57.3	0.081	1442.1
135.0	86	-1.86	34.16	27.50	57.3	0.083	1442.2
140.0	86	-1.86	34.16	27.50	57.3	0.084	1442.3
145.0	86	-1.86	34.16	27.50	57.3	0.086	1442.4
150.0	86	-1.86	34.16	27.50	57.3	0.088	1442.5
155.0	86	-1.86	34.16	27.50	57.3	0.089	1442.6
160.0	86	-1.86	34.16	27.50	57.3	0.091	1442.7
165.0	86	-1.86	34.16	27.50	57.3	0.092	1442.8
170.0	86	-1.86	34.16	27.50	57.3	0.094	1442.9
175.0	86	-1.86	34.16	27.50	57.3	0.095	1443.0
180.0	86	-1.86	34.16	27.50	57.3	0.097	1443.1
185.0	86	-1.86	34.16	27.50	57.3	0.099	1443.2
190.0	86	-1.86	34.16	27.50	57.3	0.101	1443.3
195.0	86	-1.86	34.16	27.50	57.3	0.102	1443.4
200.0	86	-1.86	34.16	27.50	57.3	0.104	1443.5
205.0	86	-1.86	34.16	27.50	57.3	0.106	1443.6
210.0	86	-1.86	34.16	27.50	57.3	0.107	1443.7
215.0	86	-1.86	34.16	27.50	57.3	0.109	1443.8
220.0	86	-1.86	34.16	27.50	57.3	0.110	1443.9
225.0	86	-1.86	34.16	27.50	57.3	0.112	1444.0
230.0	86	-1.86	34.16	27.50	57.3	0.114	1444.1
235.0	86	-1.86	34.16	27.50	57.3	0.116	1444.2
240.0	86	-1.86	34.16	27.50	57.3	0.118	1444.3
245.0	86	-1.86	34.16	27.50	57.3	0.120	1444.4
250.0	86	-1.86	34.16	27.50	57.3	0.122	1444.5
255.0	86	-1.86	34.16	27.50	57.3	0.124	1444.6
260.0	86	-1.86	34.16	27.50	57.3	0.126	1444.7
265.0	86	-1.86	34.16	27.50	57.3	0.128	1444.8
270.0	86	-1.86	34.16	27.50	57.3	0.130	1444.9
275.0	86	-1.86	34.16	27.50	57.3	0.132	1445.0
280.0	86	-1.86	34.16	27.50	57.3	0.134	1445.1
285.0	86	-1.86	34.16	27.50	57.3	0.136	1445.2
290.0	86	-1.86	34.16	27.50	57.3	0.138	1445.3
295.0	86	-1.86	34.16	27.50	57.3	0.140	1445.4
300.0	86	-1.86	34.16	27.50	57.3	0.142	1445.5
305.0	86	-1.86	34.16	27.50	57.3	0.144	1445.6
310.0	86	-1.86	34.16	27.50	57.3	0.146	1445.7
315.0	86	-1.86	34.16	27.50	57.3	0.148	1445.8
320.0	86	-1.86	34.16	27.50	57.3	0.150	1445.9
325.0	86	-1.86	34.16	27.50	57.3	0.152	1446.0
330.0	86	-1.86	34.16	27.50	57.3	0.154	1446.1
335.0	86	-1.86	34.16	27.50	57.3	0.156	1446.2
340.0	86	-1.86	34.16	27.50	57.3	0.158	1446.3
345.0	86	-1.86	34.16	27.50	57.3	0.160	1446.4
350.0	86	-1.86	34.16	27.50	57.3	0.162	1446.5
355.0	86	-1.86	34.16	27.50	57.3	0.164	1446.6
360.0	86	-1.86	34.16	27.50	57.3	0.166	1446.7
365.0	86	-1.86	34.16	27.50	57.3	0.168	1446.8
370.0	86	-1.86	34.16	27.50	57.3	0.170	1446.9
375.0	86	-1.86	34.16	27.50	57.3	0.172	1447.0
380.0	86	-1.86	34.16	27.50	57.3	0.174	1447.1
385.0	86	-1.86	34.16	27.50	57.3	0.176	1447.2
390.0	86	-1.86	34.16	27.50	57.3	0.178	1447.3
395.0	86	-1.86	34.16	27.50	57.3	0.180	1447.4
400.0	86	-1.86	34.16	27.50	57.3	0.182	1447.5
405.0	86	-1.86	34.16	27.50	57.3	0.184	1447.6
410.0	86	-1.86	34.16	27.50	57.3	0.186	1447.7
415.0	86	-1.86	34.16	27.50	57.3	0.188	1447.8
420.0	86	-1.86	34.16	27.50	57.3	0.190	1447.9
425.0	86	-1.86	34.16	27.50	57.3	0.192	1448.0
430.0	86	-1.86	34.16	27.50	57.3	0.194	1448.1
435.0	86	-1.86	34.16	27.50	57.3	0.196	1448.2
440.0	86	-1.86	34.16	27.50	57.3	0.198	1448.3
445.0	86	-1.86	34.16	27.50	57.3	0.200	1448.4
450.0	86	-1.86	34.16	27.50	57.3	0.202	1448.5
455.0	86	-1.86	34.16	27.50	57.3	0.204	1448.6
460.0	86	-1.86	34.16	27.50	57.3	0.206	1448.7
465.0	86	-1.86	34.16	27.50	57.3	0.208	1448.8
470.0	86	-1.86	34.16	27.50	57.3	0.210	1448.9
475.0	86	-1.86	34.16	27.50	57.3	0.212	1449.0
480.0	86	-1.86	34.16	27.50	57.3	0.214	1449.1
485.0	86	-1.86	34.16	27.50	57.3	0.216	1449.2
490.0	86	-1.86	34.16	27.50	57.3	0.218	1449.3
495.0	86	-1.86	34.16	27.50	57.3	0.220	1449.4
500.0	86	-1.86	34.16	27.50	57.3	0.222	1449.5



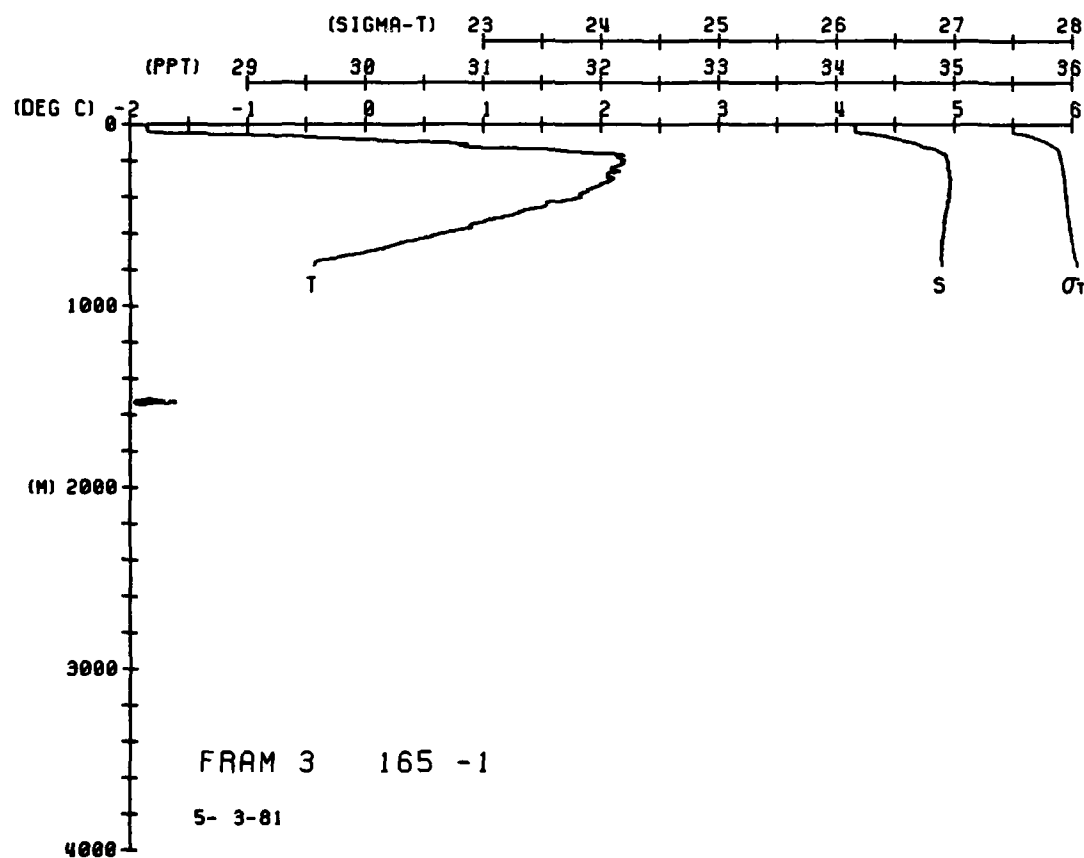
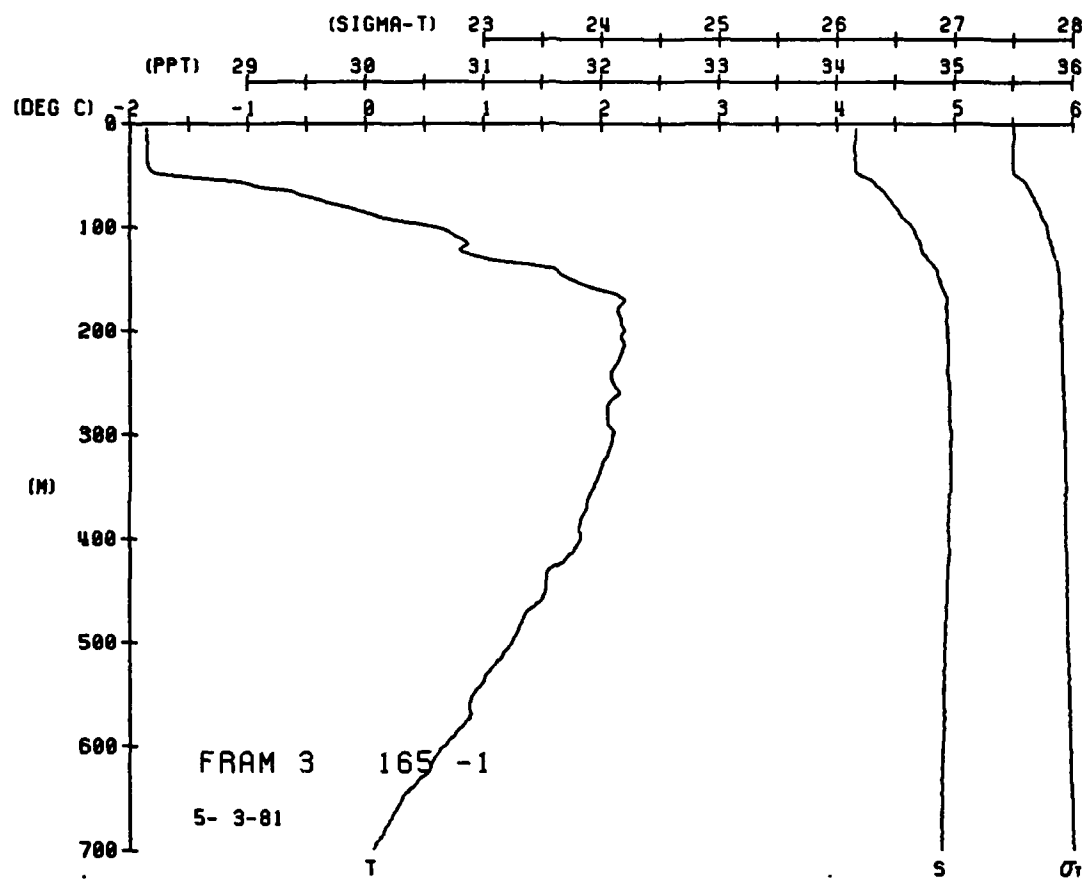
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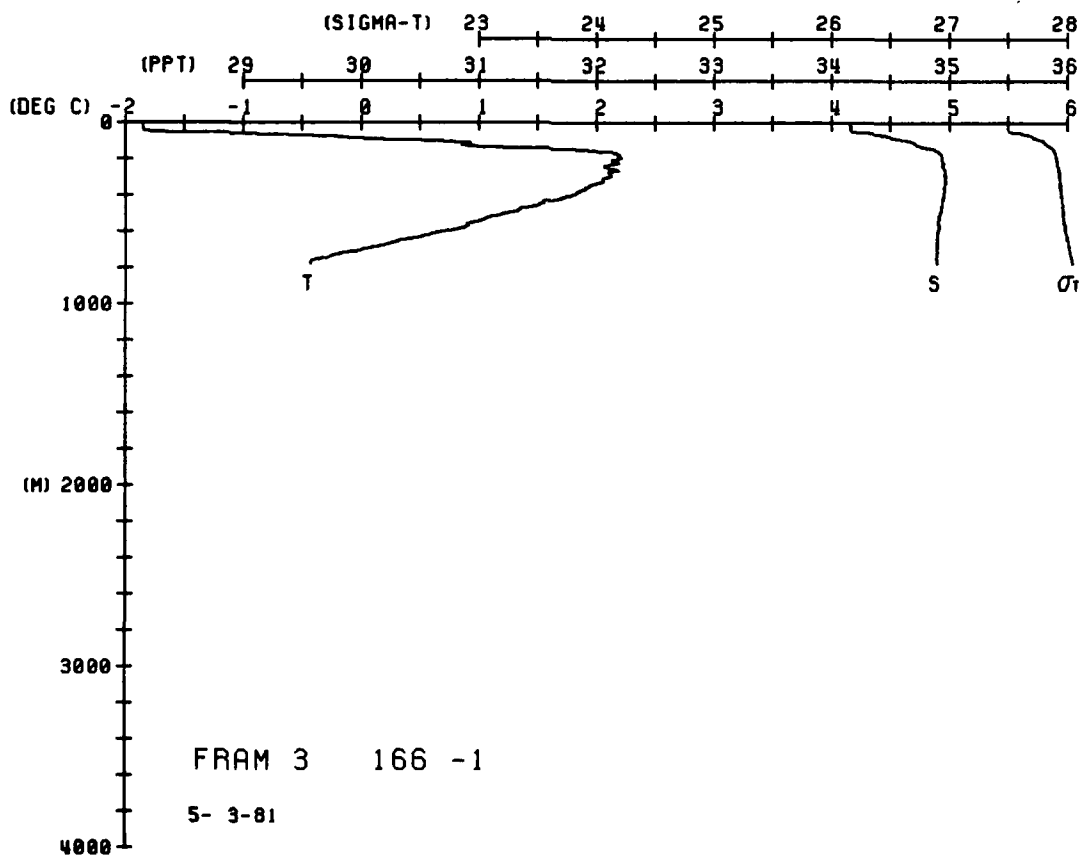
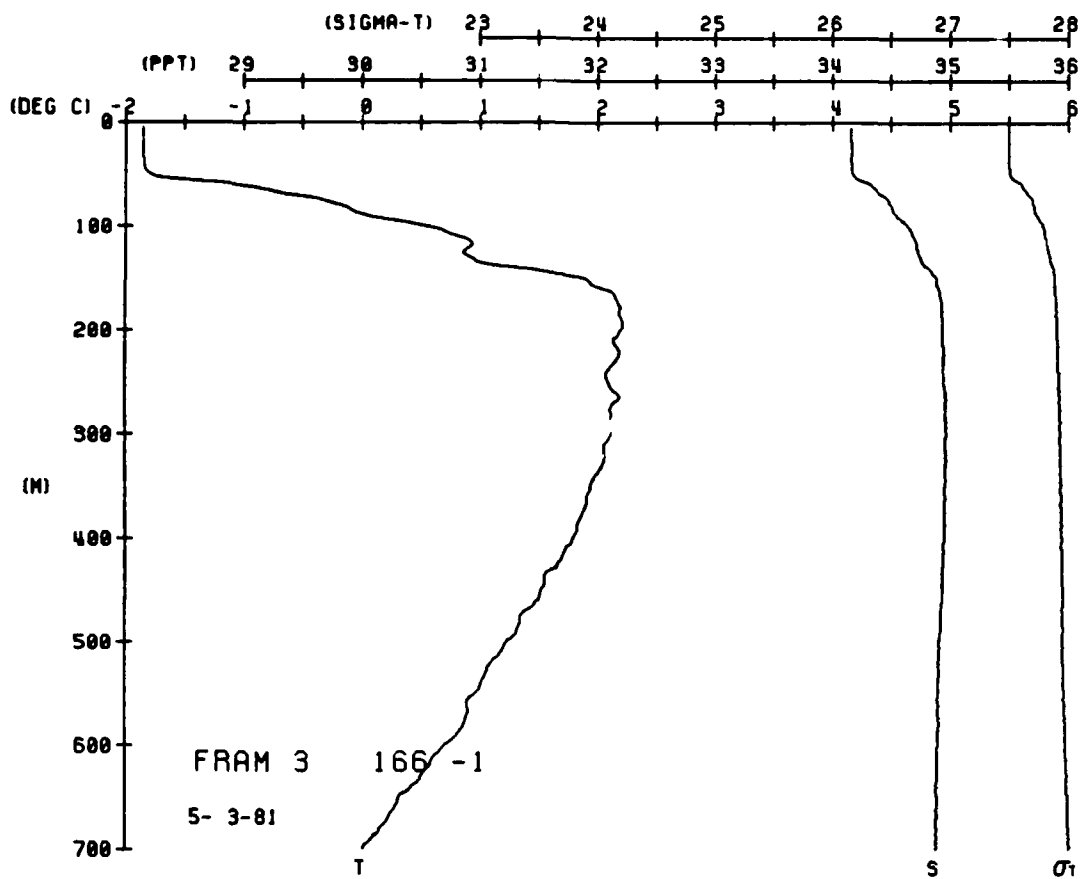


STATION 165(1) CTD 3/MAY/1981 1531 GMT CUDE = 5
 LAT = 81.8072N LONG = 4.7050E LTER = 30. LUCKR = 30.
 AIR TEMP = 0.0 WIND = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVUL	DYNBI	SOUND	TEMP	PIEMP	SALIN	SIG T	SPVUL	DYNBI	SOUND
0	1.84	1.86	34.16	27.50	57.2	0.000	1439.5	0.01	-0.05	34.90	28.02	7.6	0.147	1460.9
5	1.86	1.86	34.16	27.50	57.2	0.002	1439.6	-0.25	-0.28	34.89	28.03	6.2	0.149	1460.3
10	1.86	1.86	34.16	27.50	57.2	0.006	1439.7	-0.43	-0.46	34.90	28.05	4.7	0.152	1460.1
15	1.86	1.86	34.16	27.50	57.2	0.009	1439.9							
20	1.85	1.85	34.16	27.50	57.2	0.012	1439.9							
25	1.85	1.85	34.16	27.50	57.2	0.017	1440.0							
30	1.84	1.84	34.16	27.50	57.2	0.020	1440.1							
35	1.84	1.84	34.16	27.50	57.2	0.023	1440.2							
40	1.82	1.82	34.16	27.50	57.2	0.026	1440.4							
45	1.82	1.82	34.16	27.50	57.2	0.029	1441.2							
50	1.82	1.82	34.16	27.50	57.2	0.031	1443.9							
55	1.82	1.82	34.16	27.50	57.2	0.034	1445.1							
60	1.82	1.82	34.16	27.50	57.2	0.038	1446.4							
65	1.82	1.82	34.16	27.50	57.2	0.038	1447.4							
70	1.82	1.82	34.16	27.50	57.2	0.040	1448.2							
75	1.82	1.82	34.16	27.50	57.2	0.042	1449.1							
80	1.82	1.82	34.16	27.50	57.2	0.044	1450.0							
85	1.82	1.82	34.16	27.50	57.2	0.046	1450.8							
90	1.82	1.82	34.16	27.50	57.2	0.047	1451.9							
95	1.82	1.82	34.16	27.50	57.2	0.049	1453.2							
100	1.82	1.82	34.16	27.50	57.2	0.052	1454.4							
110	1.82	1.82	34.16	27.50	57.2	0.054	1455.4							
120	1.82	1.82	34.16	27.50	57.2	0.057	1455.9							
130	1.82	1.82	34.16	27.50	57.2	0.059	1456.8							
140	1.82	1.82	34.16	27.50	57.2	0.061	1458.0							
150	1.82	1.82	34.16	27.50	57.2	0.064	1460.8							
160	1.82	1.82	34.16	27.50	57.2	0.066	1461.8							
170	1.82	1.82	34.16	27.50	57.2	0.068	1462.4							
180	1.82	1.82	34.16	27.50	57.2	0.070	1462.4							
190	1.82	1.82	34.16	27.50	57.2	0.072	1462.4							
200	1.82	1.82	34.16	27.50	57.2	0.074	1462.4							
210	1.82	1.82	34.16	27.50	57.2	0.076	1462.4							
220	1.82	1.82	34.16	27.50	57.2	0.077	1462.4							
230	1.82	1.82	34.16	27.50	57.2	0.079	1462.4							
240	1.82	1.82	34.16	27.50	57.2	0.081	1462.4							
250	1.82	1.82	34.16	27.50	57.2	0.083	1463.0							
260	1.82	1.82	34.16	27.50	57.2	0.085	1463.0							
270	1.82	1.82	34.16	27.50	57.2	0.087	1463.0							
280	1.82	1.82	34.16	27.50	57.2	0.089	1463.0							
290	1.82	1.82	34.16	27.50	57.2	0.090	1463.0							
300	1.82	1.82	34.16	27.50	57.2	0.092	1463.0							
310	1.82	1.82	34.16	27.50	57.2	0.094	1463.0							
320	1.82	1.82	34.16	27.50	57.2	0.096	1463.0							
330	1.82	1.82	34.16	27.50	57.2	0.097	1463.0							
340	1.82	1.82	34.16	27.50	57.2	0.099	1463.0							
350	1.82	1.82	34.16	27.50	57.2	0.101	1463.0							
360	1.82	1.82	34.16	27.50	57.2	0.103	1463.0							
370	1.82	1.82	34.16	27.50	57.2	0.104	1463.0							
380	1.82	1.82	34.16	27.50	57.2	0.106	1463.0							
390	1.82	1.82	34.16	27.50	57.2	0.108	1463.0							
400	1.82	1.82	34.16	27.50	57.2	0.109	1463.0							
410	1.82	1.82	34.16	27.50	57.2	0.111	1463.0							
420	1.82	1.82	34.16	27.50	57.2	0.112	1463.0							
430	1.82	1.82	34.16	27.50	57.2	0.114	1463.0							
440	1.82	1.82	34.16	27.50	57.2	0.116	1463.0							
450	1.82	1.82	34.16	27.50	57.2	0.117	1463.0							
460	1.82	1.82	34.16	27.50	57.2	0.119	1463.0							
470	1.82	1.82	34.16	27.50	57.2	0.120	1463.0							
480	1.82	1.82	34.16	27.50	57.2	0.122	1463.0							
490	1.82	1.82	34.16	27.50	57.2	0.123	1463.0							
500	1.82	1.82	34.16	27.50	57.2	0.125	1463.0							
510	1.82	1.82	34.16	27.50	57.2	0.127	1463.0							
520	1.82	1.82	34.16	27.50	57.2	0.129	1463.0							
530	1.82	1.82	34.16	27.50	57.2	0.131	1463.0							
540	1.82	1.82	34.16	27.50	57.2	0.133	1463.0							
550	1.82	1.82	34.16	27.50	57.2	0.135	1463.0							
560	1.82	1.82	34.16	27.50	57.2	0.137	1463.0							
570	1.82	1.82	34.16	27.50	57.2	0.139	1463.0							
580	1.82	1.82	34.16	27.50	57.2	0.141	1463.0							
590	1.82	1.82	34.16	27.50	57.2	0.143	1463.0							
600	1.82	1.82	34.16	27.50	57.2	0.145	1463.0							

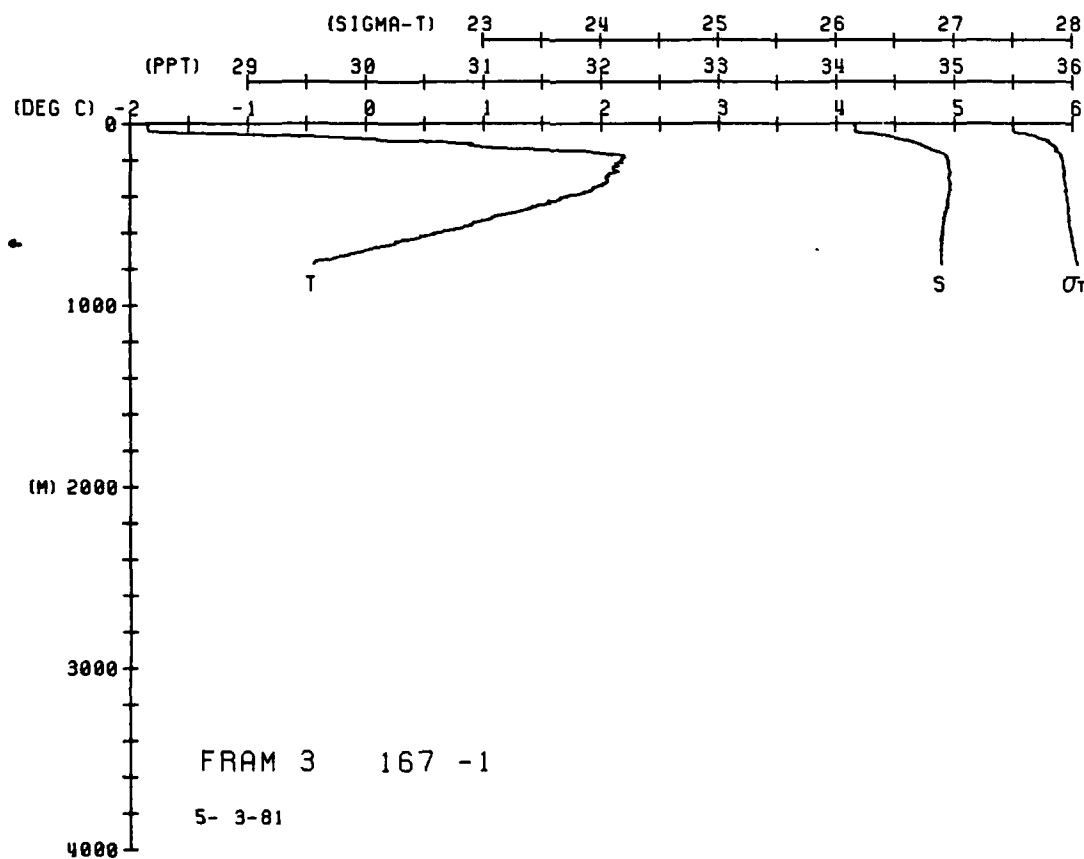
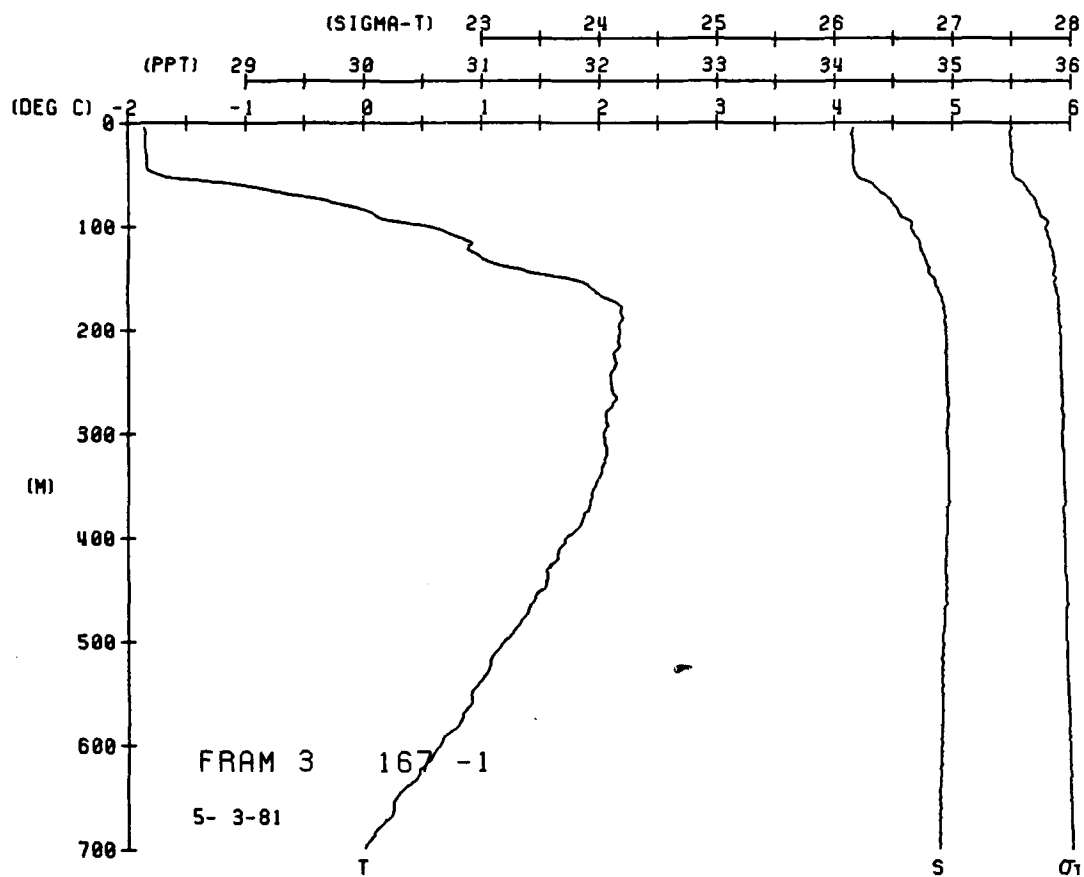


DEPTH	TEMP	PTEMP	SALT	SIG	SPVOL	DYHT	SOUND
0	3	35	34.16	27.50	57.3	0.000	1439.5
1	3	35	34.16	27.50	57.3	0.002	1439.6
2	3	35	34.16	27.50	57.3	0.003	1439.7
3	3	35	34.16	27.50	57.3	0.009	1439.8
4	3	35	34.16	27.50	57.3	0.012	1439.8
5	3	35	34.16	27.50	57.3	0.014	1439.9
6	3	35	34.16	27.50	56.1	0.020	1440.0
7	3	35	34.16	27.50	57.1	0.023	1440.1
8	3	35	34.16	27.50	56.7	0.029	1440.2
9	3	35	34.16	27.50	55.5	0.032	1440.4
10	3	35	34.16	27.50	55.2	0.034	1440.5
11	3	35	34.16	27.50	52.4	0.036	1440.5
12	3	35	34.16	27.50	49.8	0.038	1440.5
13	3	35	34.16	27.50	40.3	0.040	1440.5
14	3	35	34.16	27.50	38.0	0.042	1440.5
15	3	35	34.16	27.50	37.0	0.044	1440.5
16	3	35	34.16	27.50	36.0	0.046	1440.5
17	3	35	34.16	27.50	34.7	0.048	1450.5
18	3	35	34.16	27.50	31.4	0.049	1451.0
19	3	35	34.16	27.50	29.4	0.052	1451.4
20	3	35	34.16	27.50	26.8	0.053	1451.4
21	3	35	34.16	27.50	22.4	0.057	1455.0
22	3	35	34.16	27.50	22.1	0.060	1455.3
23	3	35	34.16	27.50	20.5	0.062	1457.4
24	3	35	34.16	27.50	19.7	0.066	1461.1
25	3	35	34.16	27.50	19.7	0.070	1462.0
26	3	35	34.16	27.50	19.6	0.072	1462.3
27	3	35	34.16	27.50	19.1	0.074	1462.7
28	3	35	34.16	27.50	19.0	0.076	1462.7
29	3	35	34.16	27.50	19.1	0.078	1462.6
30	3	35	34.16	27.50	18.6	0.080	1462.5
31	3	35	34.16	27.50	18.2	0.082	1462.8
32	3	35	34.16	27.50	18.2	0.084	1463.2
33	3	35	34.16	27.50	18.0	0.086	1463.3
34	3	35	34.16	27.50	17.7	0.087	1463.4
35	3	35	34.16	27.50	17.4	0.089	1463.4
36	3	35	34.16	27.50	17.3	0.091	1463.6
37	3	35	34.16	27.50	17.2	0.093	1463.6
38	3	35	34.16	27.50	17.2	0.094	1463.6
39	3	35	34.16	27.50	17.3	0.096	1463.8
40	3	35	34.16	27.50	17.0	0.098	1463.8
41	3	35	34.16	27.50	16.7	0.101	1463.8
42	3	35	34.16	27.50	16.7	0.103	1463.9
43	3	35	34.16	27.50	16.5	0.105	1463.9
44	3	35	34.16	27.50	16.3	0.108	1463.9
45	3	35	34.16	27.50	16.3	0.110	1463.8
46	3	35	34.16	27.50	16.0	0.111	1463.8
47	3	35	34.16	27.50	15.8	0.113	1463.8
48	3	35	34.16	27.50	15.5	0.115	1463.8
49	3	35	34.16	27.50	15.3	0.116	1463.5
50	3	35	34.16	27.50	15.2	0.119	1463.5
51	3	35	34.16	27.50	15.0	0.121	1463.5
52	3	35	34.16	27.50	14.5	0.124	1463.5
53	3	35	34.16	27.50	14.3	0.128</	



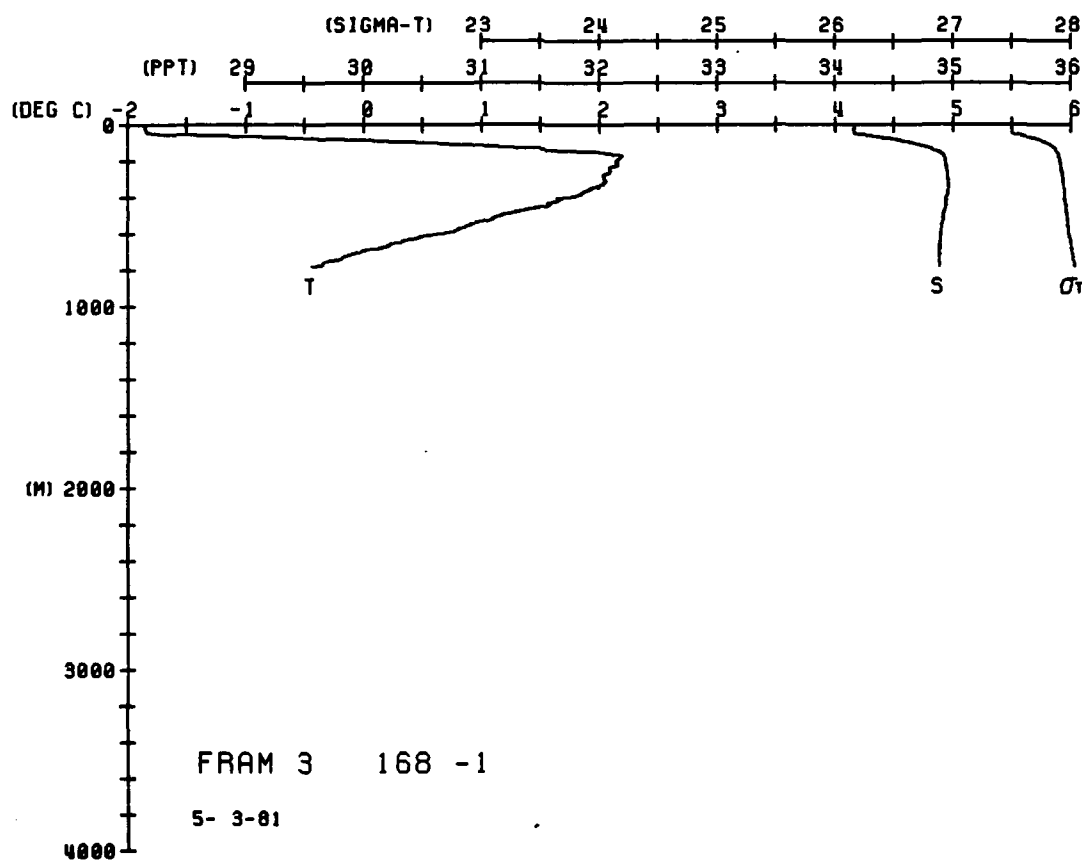
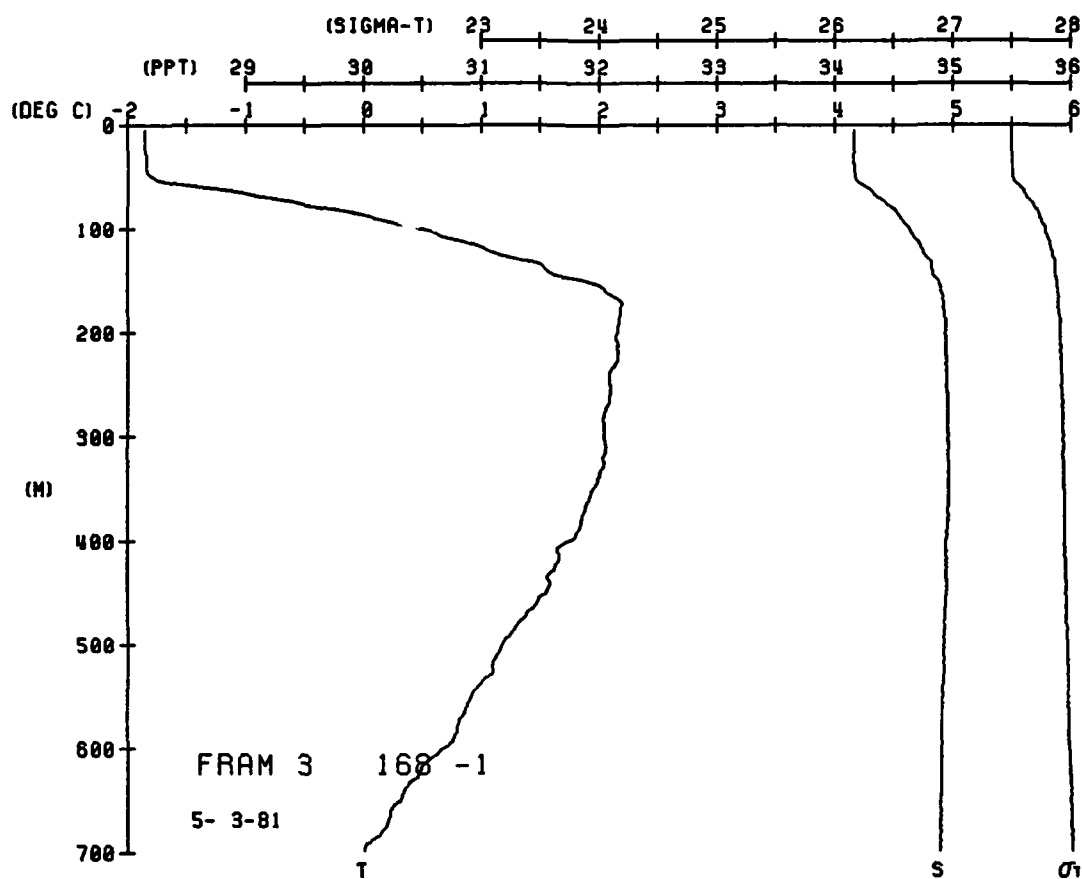
FRAM 3 STATION 167(1) CTD 3/MAY/1981 1631 GMT CODE = 5
 LAT = 81.8063N LNG = 4.6832E LTR = 30. UGRK = 30.
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHT	SOUND
0.0	-1.86	-1.86	34.17	27.50	57.1	0.000	1439.5	710.0	-0.08	-0.09	34.90	28.03	7.4	0.148	1460.7
4.0	-1.85	-1.85	34.17	27.50	57.0	0.003	1439.6	740.0	-0.25	-0.28	34.90	28.04	6.1	0.150	1460.3
10.0	-1.85	-1.85	34.15	27.50	57.9	0.006	1439.7	779.1	-0.43	-0.46	34.90	28.04	4.9	0.152	1460.2
15.0	-1.85	-1.85	34.16	27.50	57.3	0.009	1439.8								
20.0	-1.85	-1.85	34.16	27.50	57.0	0.012	1439.9								
25.0	-1.85	-1.85	34.16	27.50	57.0	0.017	1440.0								
30.0	-1.85	-1.85	34.16	27.50	57.0	0.023	1440.1								
35.0	-1.84	-1.84	34.17	27.51	57.0	0.029	1440.2								
40.0	-1.84	-1.84	34.17	27.51	56.4	0.034	1440.3								
45.0	-1.74	-1.74	34.19	27.52	55.4	0.038	1440.4								
50.0	-1.74	-1.74	34.24	27.56	51.9	0.042	1440.5								
55.0	-1.48	-1.48	34.33	27.61	44.2	0.046	1440.6								
60.0	-1.48	-1.48	34.33	27.61	44.2	0.052	1440.7								
65.0	-1.48	-1.48	34.33	27.61	44.2	0.057	1440.8								
70.0	-1.48	-1.48	34.33	27.61	44.2	0.062	1440.9								
75.0	-1.48	-1.48	34.33	27.61	44.2	0.068	1441.0								
80.0	-1.48	-1.48	34.33	27.61	44.2	0.072	1441.1								
85.0	-1.48	-1.48	34.33	27.61	44.2	0.077	1441.2								
90.0	-1.48	-1.48	34.33	27.61	44.2	0.082	1441.3								
95.0	-1.48	-1.48	34.33	27.61	44.2	0.087	1441.4								
100.0	-1.48	-1.48	34.33	27.61	44.2	0.092	1441.5								
110.0	-1.48	-1.48	34.33	27.61	44.2	0.097	1441.6								
120.0	-1.48	-1.48	34.33	27.61	44.2	0.102	1441.7								
130.0	-1.48	-1.48	34.33	27.61	44.2	0.107	1441.8								
140.0	-1.48	-1.48	34.33	27.61	44.2	0.112	1441.9								
150.0	-1.48	-1.48	34.33	27.61	44.2	0.117	1442.0								
160.0	-1.48	-1.48	34.33	27.61	44.2	0.122	1442.1								
170.0	-1.48	-1.48	34.33	27.61	44.2	0.127	1442.2								
180.0	-1.48	-1.48	34.33	27.61	44.2	0.132	1442.3								
190.0	-1.48	-1.48	34.33	27.61	44.2	0.137	1442.4								
200.0	-1.48	-1.48	34.33	27.61	44.2	0.142	1442.5								
210.0	-1.48	-1.48	34.33	27.61	44.2	0.147	1442.6								
220.0	-1.48	-1.48	34.33	27.61	44.2	0.152	1442.7								
230.0	-1.48	-1.48	34.33	27.61	44.2	0.157	1442.8								
240.0	-1.48	-1.48	34.33	27.61	44.2	0.162	1442.9								
250.0	-1.48	-1.48	34.33	27.61	44.2	0.167	1443.0								
260.0	-1.48	-1.48	34.33	27.61	44.2	0.172	1443.1								
270.0	-1.48	-1.48	34.33	27.61	44.2	0.177	1443.2								
280.0	-1.48	-1.48	34.33	27.61	44.2	0.182	1443.3								
290.0	-1.48	-1.48	34.33	27.61	44.2	0.187	1443.4								
300.0	-1.48	-1.48	34.33	27.61	44.2	0.192	1443.5								
310.0	-1.48	-1.48	34.33	27.61	44.2	0.197	1443.6								
320.0	-1.48	-1.48	34.33	27.61	44.2	0.202	1443.7								
330.0	-1.48	-1.48	34.33	27.61	44.2	0.207	1443.8								
340.0	-1.48	-1.48	34.33	27.61	44.2	0.212	1443.9								
350.0	-1.48	-1.48	34.33	27.61	44.2	0.217	1444.0								
360.0	-1.48	-1.48	34.33	27.61	44.2	0.222	1444.1								
370.0	-1.48	-1.48	34.33	27.61	44.2	0.227	1444.2								
380.0	-1.48	-1.48	34.33	27.61	44.2	0.232	1444.3								
390.0	-1.48	-1.48	34.33	27.61	44.2	0.237	1444.4								
400.0	-1.48	-1.48	34.33	27.61	44.2	0.242	1444.5								
410.0	-1.48	-1.48	34.33	27.61	44.2	0.247	1444.6								
420.0	-1.48	-1.48	34.33	27.61	44.2	0.252	1444.7								
430.0	-1.48	-1.48	34.33	27.61	44.2	0.257	1444.8								
440.0	-1.48	-1.48	34.33	27.61	44.2	0.262	1444.9								
450.0	-1.48	-1.48	34.33	27.61	44.2	0.267	1445.0								
460.0	-1.48	-1.48	34.33	27.61	44.2	0.272	1445.1								
470.0	-1.48	-1.48	34.33	27.61	44.2	0.277	1445.2								
480.0	-1.48	-1.48	34.33	27.61	44.2	0.282	1445.3								
490.0	-1.48	-1.48	34.33	27.61	44.2	0.287	1445.4								
500.0	-1.48	-1.48	34.33	27.61	44.2	0.292	1445.5								
510.0	-1.48	-1.48	34.33	27.61	44.2	0.297	1445.6								
520.0	-1.48	-1.48	34.33	27.61	44.2	0.302	1445.7								
530.0	-1.48	-1.48	34.33	27.61	44.2	0.307	1445.8								
540.0	-1.48	-1.48	34.33	27.61	44.2	0.312	1445.9								
550.0	-1.48	-1.48	34.33	27.61	44.2	0.317	1446.0								
560.0	-1.48	-1.48	34.33	27.61	44.2	0.322	1446.1								
570.0	-1.48	-1.48	34.33	27.61	44.2	0.327	1446.2								
580.0	-1.48	-1.48	34.33	27.61	44.2	0.332	1446.3								
590.0	-1.48	-1.48	34.33	27.61	44.2	0.337	1446.4								
600.0	-1.48	-1.48	34.33	27.61	44.2	0.342	1446.5								
610.0	-1.48	-1.48	34.33	27.61	44.2	0.347	1446.6								
620.0	-1.48	-1.48	34.33	27.61	44.2	0.352	1446.7								
630.0	-1.48	-1.48	34.33	27.61	44.2	0.357	1446.8								
640.0	-1.48	-1.48	34.33	27.61	44.2	0.362	1446.9								
650.0	-1.48	-1.48	34.33	27.61	44.2	0.367	1447.0								
660.0	-1.48	-1.48	34.33	27.61	44.2	0.372	1447.1								
670.0	-1.48	-1.48	34.33	27.61	44.2	0.377	1447.2								
680.0	-1.48	-1.48	34.33	27.61	44.2	0.382	1447.3								



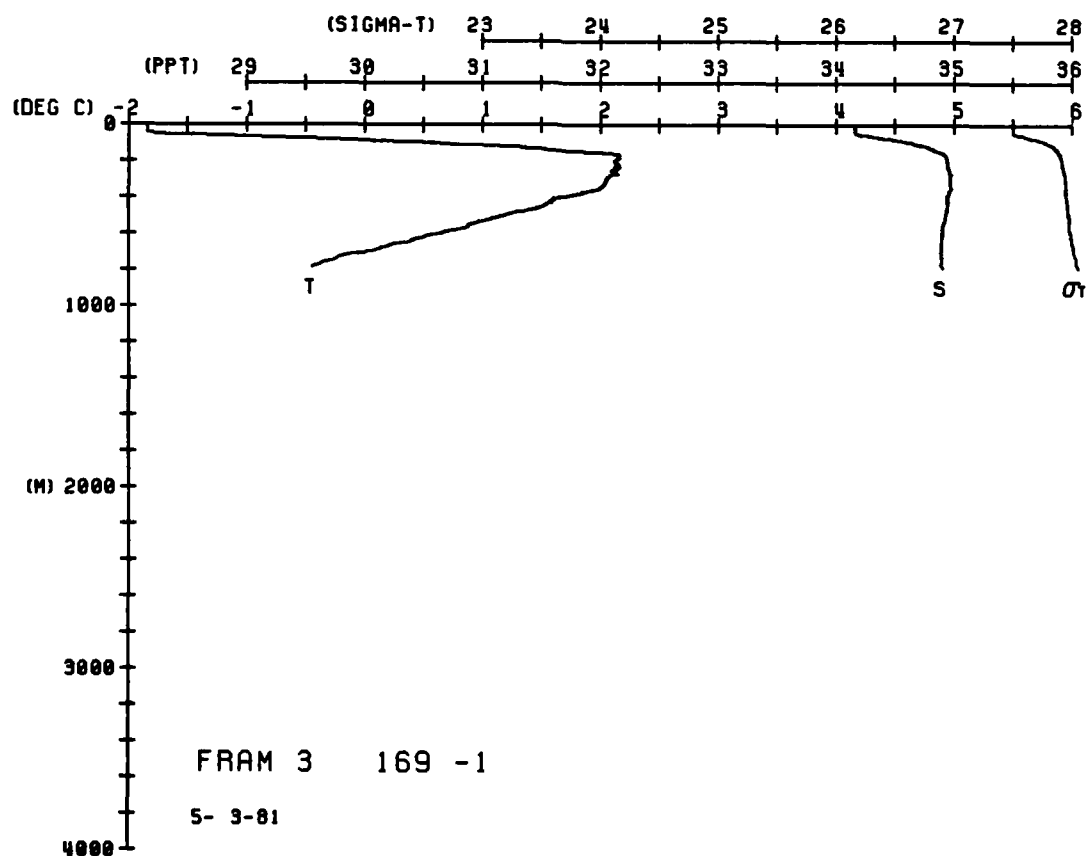
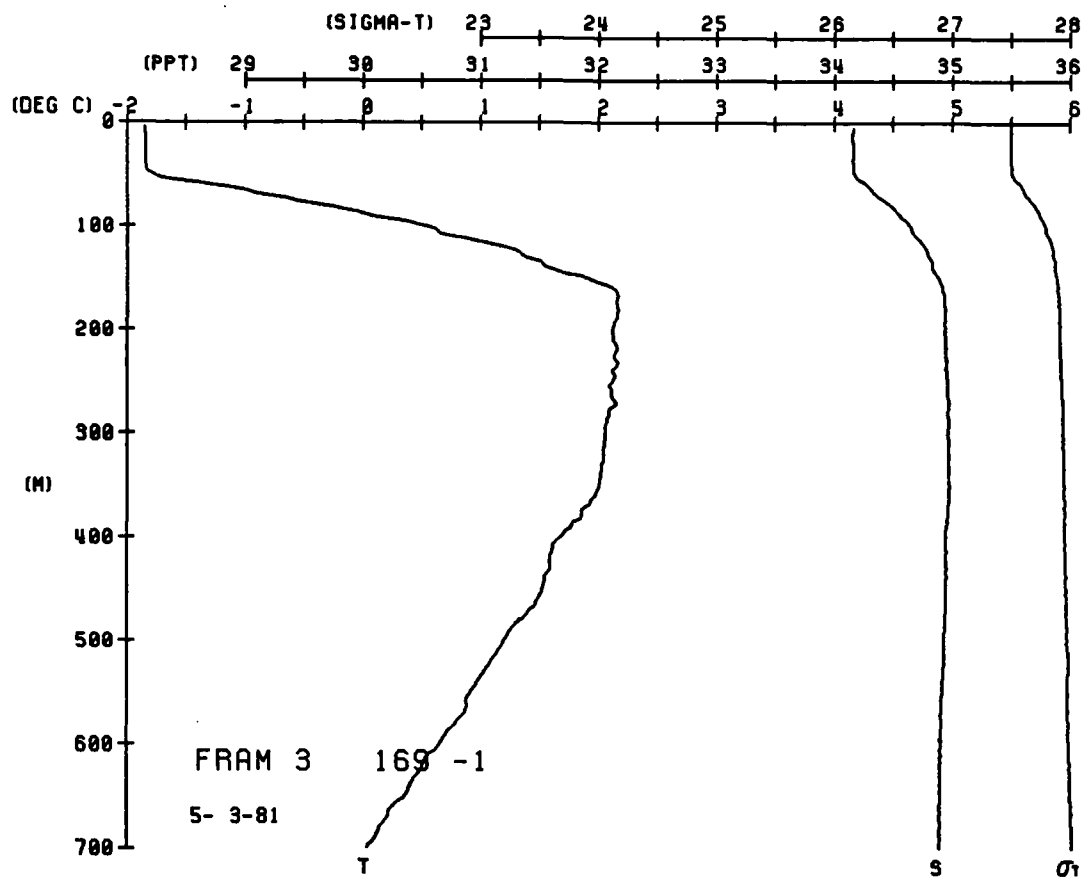
FROM 3 STATION 168(1) CTD 3/MAY/1981 1700 GMT CODE = 5
 LAT = 41.8060N LONG = 4.6778E LTER = 30.0
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYHHT	SOUND
0	1.85	1.85	34.16	22.75	50	0.000	1439.5	-0.08	-0.11	34.90	28.03	7.1	0.148	1460.6
5	1.85	1.85	34.16	22.75	50	0.003	1439.6	-0.18	-0.21	34.89	28.03	6.8	0.151	1460.6
10	1.85	1.85	34.16	22.75	50	0.009	1439.8	-0.44	-0.47	34.89	28.04	5.0	0.153	1460.2
15	1.85	1.85	34.16	22.75	50	0.012	1439.8							
20	1.85	1.85	34.16	22.75	50	0.019	1439.9							
25	1.85	1.85	34.16	22.75	50	0.020	1440.0							
30	1.85	1.85	34.16	22.75	50	0.023	1440.1							
35	1.85	1.85	34.16	22.75	50	0.029	1440.3							
40	1.85	1.85	34.16	22.75	50	0.029	1440.3							
45	1.85	1.85	34.16	22.75	50	0.032	1440.3							
50	1.85	1.85	34.16	22.75	50	0.034	1441.0							
55	1.85	1.85	34.16	22.75	50	0.037	1441.5							
60	1.85	1.85	34.16	22.75	50	0.034	1441.5							
65	1.85	1.85	34.16	22.75	50	0.041	1441.5							
70	1.85	1.85	34.16	22.75	50	0.043	1441.5							
75	1.85	1.85	34.16	22.75	50	0.045	1449.8							
80	1.85	1.85	34.16	22.75	50	0.047	1450.7							
85	1.85	1.85	34.16	22.75	50	0.048	1451.6							
90	1.85	1.85	34.16	22.75	50	0.050	1452.2							
95	1.85	1.85	34.16	22.75	50	0.053	1454.7							
100	1.85	1.85	34.16	22.75	50	0.055	1455.7							
110	1.85	1.85	34.16	22.75	50	0.058	1458.4							
120	1.85	1.85	34.16	22.75	50	0.062	1460.1							
130	1.85	1.85	34.16	22.75	50	0.065	1461.0							
140	1.85	1.85	34.16	22.75	50	0.069	1462.1							
150	1.85	1.85	34.16	22.75	50	0.071	1462.1							
160	1.85	1.85	34.16	22.75	50	0.073	1462.3							
170	1.85	1.85	34.16	22.75	50	0.075	1462.3							
180	1.85	1.85	34.16	22.75	50	0.077	1462.3							
190	1.85	1.85	34.16	22.75	50	0.079	1462.3							
200	1.85	1.85	34.16	22.75	50	0.081	1462.3							
210	1.85	1.85	34.16	22.75	50	0.083	1462.3							
220	1.85	1.85	34.16	22.75	50	0.084	1462.3							
230	1.85	1.85	34.16	22.75	50	0.086	1463.0							
240	1.85	1.85	34.16	22.75	50	0.088	1463.0							
250	1.85	1.85	34.16	22.75	50	0.090	1463.0							
260	1.85	1.85	34.16	22.75	50	0.092	1463.0							
270	1.85	1.85	34.16	22.75	50	0.093	1463.0							
280	1.85	1.85	34.16	22.75	50	0.095	1463.0							
290	1.85	1.85	34.16	22.75	50	0.097	1463.0							
300	1.85	1.85	34.16	22.75	50	0.099	1463.0							
310	1.85	1.85	34.16	22.75	50	0.102	1463.0							
320	1.85	1.85	34.16	22.75	50	0.104	1463.0							
330	1.85	1.85	34.16	22.75	50	0.105	1463.0							
340	1.85	1.85	34.16	22.75	50	0.107	1463.0							
350	1.85	1.85	34.16	22.75	50	0.109	1463.0							
360	1.85	1.85	34.16	22.75	50	0.111	1463.0							
370	1.85	1.85	34.16	22.75	50	0.112	1463.0							
380	1.85	1.85	34.16	22.75	50	0.114	1463.0							
390	1.85	1.85	34.16	22.75	50	0.115	1463.0							
400	1.85	1.85	34.16	22.75	50	0.117	1463.0							
410	1.85	1.85	34.16	22.75	50	0.118	1463.0							
420	1.85	1.85	34.16	22.75	50	0.119	1463.0							
430	1.85	1.85	34.16	22.75	50	0.120	1463.0							
440	1.85	1.85	34.16	22.75	50	0.121	1463.0							
450	1.85	1.85	34.16	22.75	50	0.122	1463.0							
460	1.85	1.85	34.16	22.75	50	0.123	1463.0							
470	1.85	1.85	34.16	22.75	50	0.124	1463.0							
480	1.85	1.85	34.16	22.75	50	0.125	1463.0							
490	1.85	1.85	34.16	22.75	50	0.126	1463.0							
500	1.85	1.85	34.16	22.75	50	0.127	1463.0							
510	1.85	1.85	34.16	22.75	50	0.128	1463.0							
520	1.85	1.85	34.16	22.75	50	0.129	1463.0							
530	1.85	1.85	34.16	22.75	50	0.130	1463.0							
540	1.85	1.85	34.16	22.75	50	0.131	1463.0							
550	1.85	1.85	34.16	22.75	50	0.132	1463.0							
560	1.85	1.85	34.16	22.75	50	0.133	1463.0							
570	1.85	1.85	34.16	22.75	50	0.134	1463.0							
580	1.85	1.85	34.16	22.75	50	0.135	1463.0							
590	1.85	1.85	34.16	22.75	50	0.136	1463.0							
600	1.85	1.85	34.16	22.75	50	0.137	1463.0							
610	1.85	1.85	34.16	22.75	50	0.138	1463.0							
620	1.85	1.85	34.16	22.75	50	0.139	1463.0							
630	1.85	1.85	34.16	22.75	50	0.140	1463.0							
640	1.85	1.85	34.16	22.75	50	0.141	1463.0							
650	1.85	1.85	34.16	22.75	50	0.142	1463.0							
660	1.85	1.85	34.16	22.75	50	0.143	1463.0							
670	1.85	1.85	34.16	22.75	50	0.144	1463.0							
680	1.85	1.85	34.16	22.75	50	0.145	1463.0							



STATION 169(1) CTD 3/MAY/1981 1730 GMT CUPL = 5
 LAT = 81.8055N LNG = 4.6698E LTER = 30.0
 AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNH1	SOUND	DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYNH1	SOUND
0	5.5	1.85	34.10	27.50	57.2	0.000	149.5	710.0	-0.09	-0.12	34.90	28.03	7.2	0.146	1460.5
5	5.5	1.85	34.10	27.50	57.2	0.002	149.6	740.0	-0.23	-0.27	34.90	28.04	5.7	0.147	1460.4
10	5.5	1.85	34.10	27.50	57.2	0.006	149.7	787.0	-0.44	-0.47	34.91	28.05	3.9	0.150	1460.3
15	5.5	1.85	34.10	27.50	57.2	0.009	149.8								
20	5.5	1.85	34.10	27.50	57.2	0.014	149.9								
25	5.5	1.85	34.10	27.50	57.2	0.017	149.9								
30	5.5	1.85	34.10	27.50	57.2	0.020	149.9								
35	5.5	1.85	34.10	27.50	57.2	0.023	149.9								
40	5.5	1.85	34.10	27.50	57.2	0.026	149.9								
45	5.5	1.85	34.10	27.50	57.2	0.029	149.9								
50	5.5	1.85	34.10	27.50	57.2	0.032	149.9								
55	5.5	1.85	34.10	27.50	57.2	0.034	149.9								
60	5.5	1.85	34.10	27.50	57.2	0.037	149.9								
65	5.5	1.85	34.10	27.50	57.2	0.039	149.9								
70	5.5	1.85	34.10	27.50	57.2	0.041	149.9								
75	5.5	1.85	34.10	27.50	57.2	0.043	149.9								
80	5.5	1.85	34.10	27.50	57.2	0.045	149.9								
85	5.5	1.85	34.10	27.50	57.2	0.047	149.9								
90	5.5	1.85	34.10	27.50	57.2	0.049	149.9								
95	5.5	1.85	34.10	27.50	57.2	0.051	149.9								
100	5.5	1.85	34.10	27.50	57.2	0.053	149.9								
105	5.5	1.85	34.10	27.50	57.2	0.055	149.9								
110	5.5	1.85	34.10	27.50	57.2	0.058	149.9								
115	5.5	1.85	34.10	27.50	57.2	0.060	149.9								
120	5.5	1.85	34.10	27.50	57.2	0.062	149.9								
125	5.5	1.85	34.10	27.50	57.2	0.064	149.9								
130	5.5	1.85	34.10	27.50	57.2	0.066	149.9								
135	5.5	1.85	34.10	27.50	57.2	0.068	149.9								
140	5.5	1.85	34.10	27.50	57.2	0.070	149.9								
145	5.5	1.85	34.10	27.50	57.2	0.072	149.9								
150	5.5	1.85	34.10	27.50	57.2	0.074	149.9								
155	5.5	1.85	34.10	27.50	57.2	0.076	149.9								
160	5.5	1.85	34.10	27.50	57.2	0.078	149.9								
165	5.5	1.85	34.10	27.50	57.2	0.080	149.9								
170	5.5	1.85	34.10	27.50	57.2	0.082	149.9								
175	5.5	1.85	34.10	27.50	57.2	0.083	149.9								
180	5.5	1.85	34.10	27.50	57.2	0.085	149.9								
185	5.5	1.85	34.10	27.50	57.2	0.087	149.9								
190	5.5	1.85	34.10	27.50	57.2	0.089	149.9								
195	5.5	1.85	34.10	27.50	57.2	0.090	149.9								
200	5.5	1.85	34.10	27.50	57.2	0.092	149.9								
205	5.5	1.85	34.10	27.50	57.2	0.094	149.9								
210	5.5	1.85	34.10	27.50	57.2	0.095	149.9								
215	5.5	1.85	34.10	27.50	57.2	0.097	149.9								
220	5.5	1.85	34.10	27.50	57.2	0.099	149.9								
225	5.5	1.85	34.10	27.50	57.2	0.100	149.9								
230	5.5	1.85	34.10	27.50	57.2	0.102	149.9								
235	5.5	1.85	34.10	27.50	57.2	0.104	149.9								
240	5.5	1.85	34.10	27.50	57.2	0.105	149.9								
245	5.5	1.85	34.10	27.50	57.2	0.107	149.9								
250	5.5	1.85	34.10	27.50	57.2	0.109	149.9								
255	5.5	1.85	34.10	27.50	57.2	0.110	149.9								
260	5.5	1.85	34.10	27.50	57.2	0.111	149.9								
265	5.5	1.85	34.10	27.50	57.2	0.113	149.9								
270	5.5	1.85	34.10	27.50	57.2	0.115	149.9								
275	5.5	1.85	34.10	27.50	57.2	0.116	149.9								
280	5.5	1.85	34.10	27.50	57.2	0.118	149.9								
285	5.5	1.85	34.10	27.50	57.2	0.119	149.9								
290	5.5	1.85	34.10	27.50	57.2	0.120	149.9								
295	5.5	1.85	34.10	27.50	57.2	0.122	149.9								
300	5.5	1.85	34.10	27.50	57.2	0.123	149.9								
305	5.5	1.85	34.10	27.50	57.2	0.125	149.9								
310	5.5	1.85	34.10	27.50	57.2	0.126	149.9								
315	5.5	1.85	34.10	27.50	57.2	0.128	149.9								
320	5.5	1.85	34.10	27.50	57.2	0.129	149.9								
325	5.5	1.85	34.10	27.50	57.2	0.131	149.9								
330	5.5	1.85	34.10	27.50	57.2	0.133	149.9								
335	5.5	1.85	34.10	27.50	57.2	0.135	149.9								
340	5.5	1.85	34.10	27.50	57.2	0.137	149.9								
345	5.5	1.85	34.10	27.50	57.2	0.139	149.9								
350	5.5	1.85	34.10	27.50	57.2	0.141	149.9								
355	5.5	1.85	34.10	27.50	57.2	0.143	149.9								
360	5.5	1.85	34.10	27.50	57.2	0.145	149.9								
365	5.5	1.85	34.10	27.50	57.2	0.147	149.9								
370	5.5	1.85	34.10	27.50	57.2	0.149	149.9								
375	5.5	1.85	34.10	27.50	57.2	0.151	149.9								
380	5.5	1.85	34.10	27.50	57.2	0.153	149.9								
385	5.5	1.85	34.10	27.50	57.2	0.155	149.9								
390	5.5	1.85	34.10	27.50	57.2	0.157	149.9								
395	5.5	1.85	34.10	27.50	57.2	0.159	149.9								
400	5.5	1.85	34.10	27.50	57.2	0.161	149.9								
405	5.5	1.85	34.10	27.50	57.2	0.163	149.9								
410	5.5	1.85	34.10	27.50	57.2	0.165	149.9								
415	5.5	1.85	34.10	27.50	57.2	0.167	149.9								
420	5.5	1.85	34.10	27.50	57.2	0.169	149.9								
425	5.5	1.85	34.10	27.50	57.2	0.171	149.9								
430	5.5	1.85	34.10	27.50	57.2	0.173	149.9								
435	5.5	1.85	34.10	27.50	57.2	0.175	149.9								
440	5.5	1.85	34.10	27.50	57.2	0.177	149.9								
445	5.5	1.85	34.10	27.50	57.2	0.179	149.9								
450	5.5	1.85	34.10	27.50	57.2	0.181	149.9								
455	5.5	1.85	34.10	27.50	57.2	0.183	149.9								
460	5.5	1.85	34.10	27.50	57.2	0.185	149.9								
465	5.5	1.85	34.10	27.50	57.2	0.187	149.9								
470	5.5	1.85	34.10	27.50	57.2	0.189	149.9								
475	5.5	1.85	34.10	27.50	57.2	0.191	149.9								
480	5.5	1.85	34.10	27.50	57.2	0.193	149.9								
485	5.5	1.85	34.10	27.50	57.2	0.195	149.9								
490	5.5	1.85	34.10	27.50	57.2	0.197	149.9								
495	5.5	1.85	34.10	27.50	57.2	0.199	149.9								
500	5.5	1.85	34.10	27.50	57.2	0.201	149.9								



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FRAM 3 STATION 170(1) CTD 3/MAY/1981 1802 GMT CUDF. = 5
LAT = 81.8045N LNG = 4.6553E LTR = 30. LGER = 30.
AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

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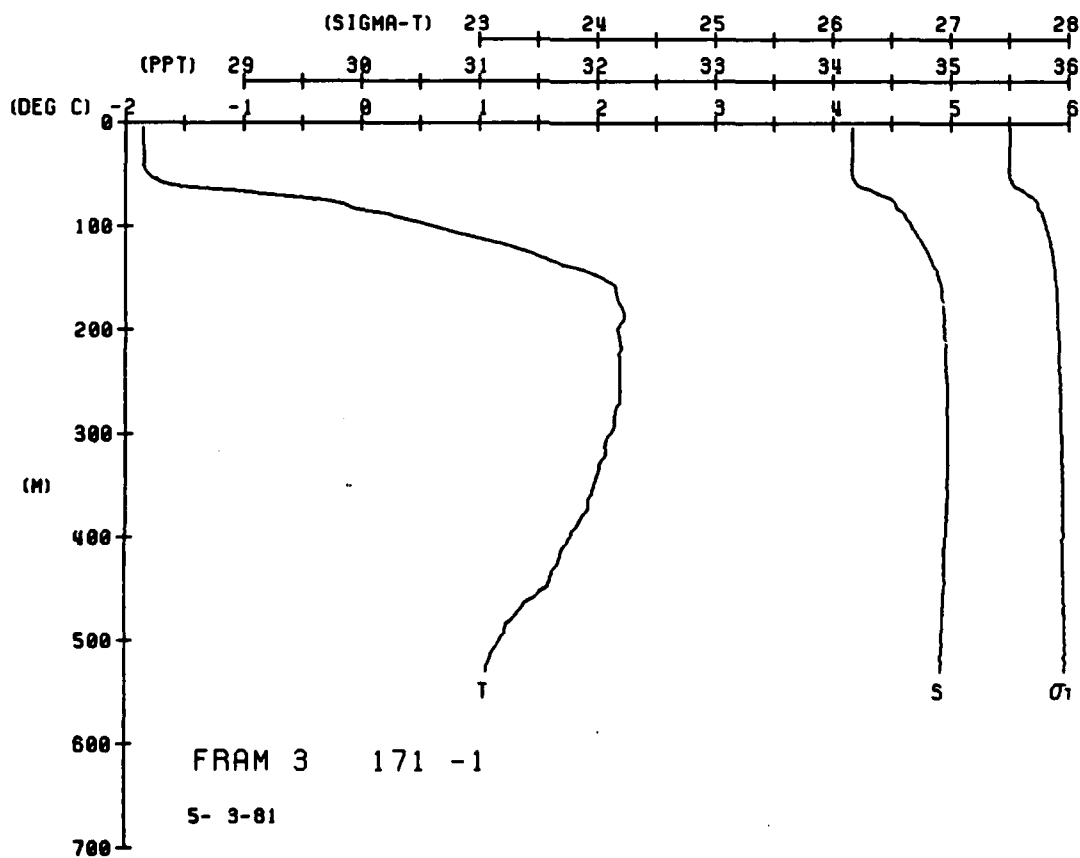
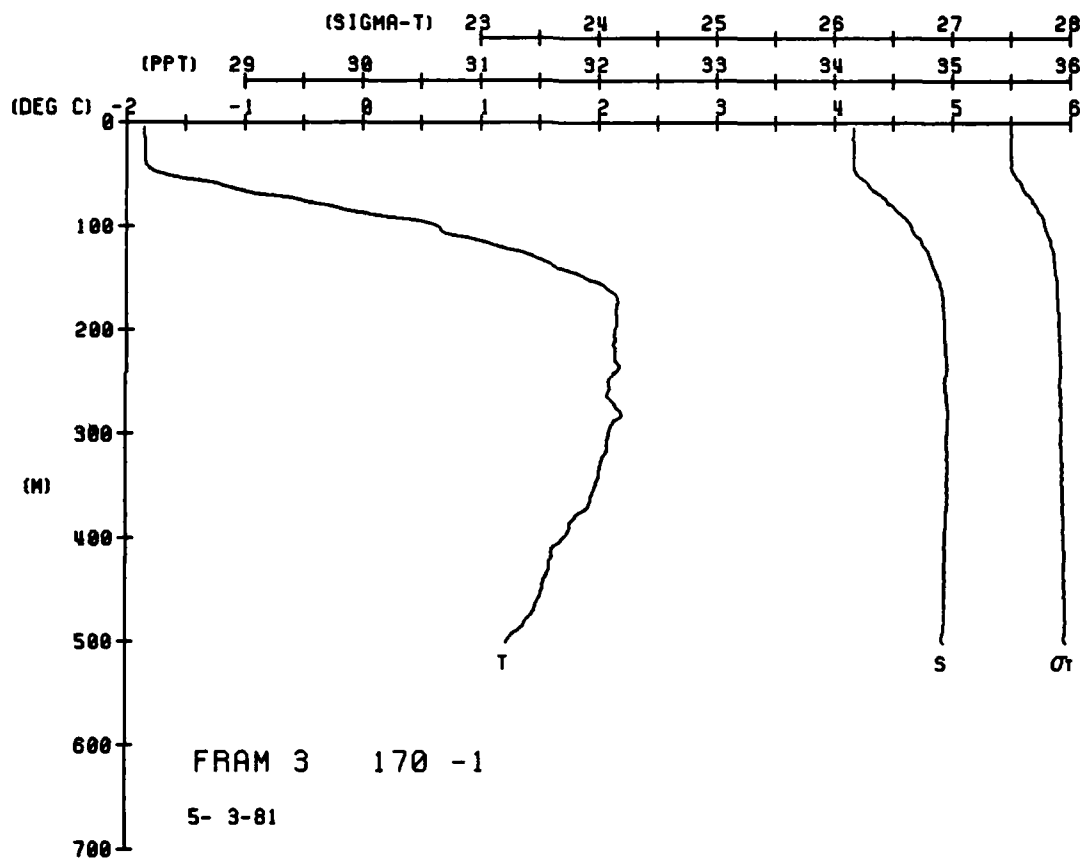
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+HAM 3 STATION 171(1) CTD 3/MAY/19H1 2119 GMT CODE = 5
LAT = 81.7987N LNG = 4.5842E LTER = 30. LGER = 30.
MAIN TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

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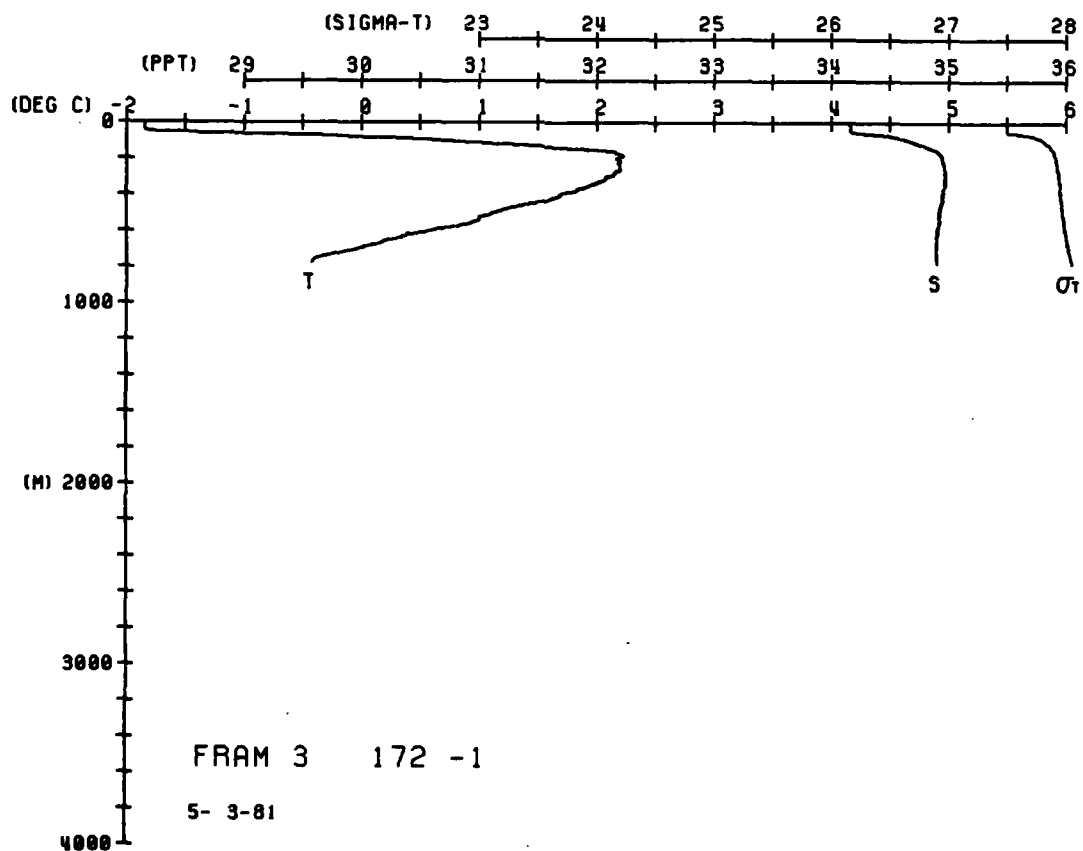
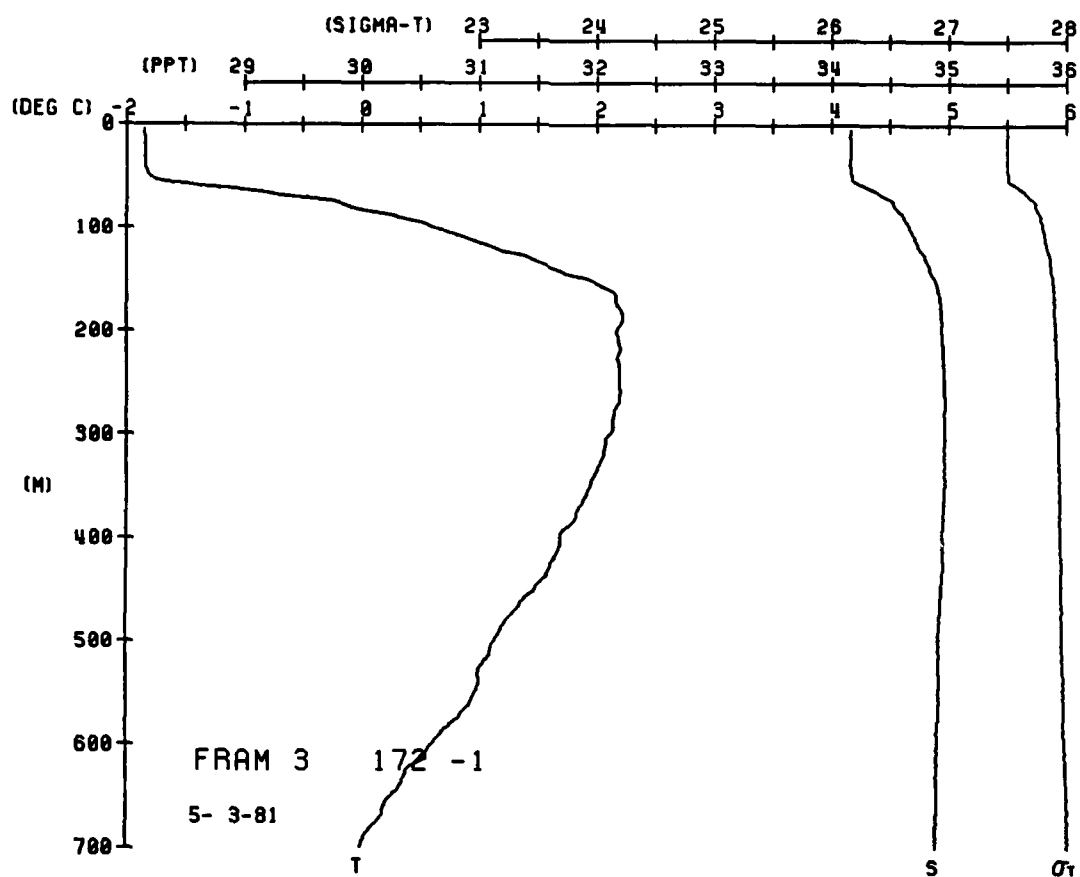
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNH1	SOUND
00	5	85	6	50	2	0	149
04	85	85	4	77	7	002	149
10	85	85	3	50	5	003	144
15	85	85	3	50	5	006	144
20	85	85	3	50	5	012	144
25	85	85	3	50	5	019	144
30	84	84	4	51	0	020	144
35	84	84	4	51	0	023	144
40	83	83	4	51	0	029	144
45	83	83	4	51	0	031	144
50	82	82	4	51	0	034	144
55	82	82	4	51	0	036	144
60	82	82	4	51	0	039	144
65	82	82	4	51	0	041	144
70	82	82	4	51	0	043	144
75	82	82	4	51	0	044	144
80	82	82	4	51	0	046	144
85	82	82	4	51	0	048	144
90	82	82	4	51	0	049	144
95	82	82	4	51	0	052	144
100	82	82	4	51	0	055	144
110	82	82	4	51	0	057	144
120	82	82	4	51	0	062	144
130	82	82	4	51	0	066	144
140	82	82	4	51	0	068	144
150	82	82	4	51	0	070	144
160	82	82	4	51	0	074	144
170	82	82	4	51	0	076	144
180	82	82	4	51	0	079	144
190	82	82	4	51	0	081	144
200	82	82	4	51	0	085	144
210	82	82	4	51	0	088	144
220	82	82	4	51	0	092	144
230	82	82	4	51	0	095	144
240	82	82	4	51	0	097	144
250	82	82	4	51	0	099	144
260	82	82	4	51	0	100	144
270	82	82	4	51	0	104	144
280	82	82	4	51	0	105	144
290	82	82	4	51	0	107	144
300	82	82	4	51	0	109	144
310	82	82	4	51	0	111	144
320	82	82	4	51	0	113	144
330	82	82	4	51	0	115	144
340	82	82	4	51	0	116	144
350	82	82	4	51	0	118	144
360	82	82	4	51	0	119	144
370	82	82	4	51	0	121	144
380	82	82	4	51	0	122	144
390	82	82	4	51	0	122	144
400	82	82	4	51	0	122	144
410	82	82	4	51	0	122	144
420	82	82	4	51	0	122	144
430	82	82	4	51	0	122	144
440	82	82	4	51	0	122	144
450	82	82	4	51	0	122	144
460	82	82	4	51	0	122	144
470	82	82	4	51	0	122	144
480	82	82	4	51	0	122	144
490	82	82	4	51	0	122	144
500	82	82	4	51	0	122	144

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYNM1	SOUND
0	85	-1.85	34.17	27.50	57.0	0.000	1439.5
4	85	-1.85	34.17	27.50	57.0	0.002	1439.6
10	85	-1.85	34.17	27.50	57.0	0.003	1439.6
15	85	-1.85	34.17	27.50	57.0	0.006	1439.7
20	85	-1.85	34.16	27.50	56.8	0.012	1439.8
25	85	-1.85	34.16	27.50	57.0	0.017	1440.0
30	85	-1.85	34.16	27.50	56.9	0.023	1440.1
35	84	-1.84	34.17	27.51	56.7	0.026	1440.4
40	84	-1.84	34.17	27.51	56.7	0.032	1440.6
45	84	-1.84	34.19	27.54	55.2	0.034	1441.0
50	84	-1.84	34.22	27.54	53.3	0.037	1441.7
55	83	-1.83	34.33	27.61	46.5	0.039	1444.4
60	83	-1.83	34.42	27.68	40.5	0.041	1446.4
65	83	-1.83	34.52	27.74	34.5	0.043	1448.5
70	83	-1.83	34.59	27.77	31.1	0.044	1450.5
75	83	-1.83	34.63	27.79	30.1	0.046	1452.5
80	83	-1.83	34.65	27.81	29.1	0.047	1452.5
85	83	-1.83	34.68	27.81	28.8	0.049	1453.3
90	83	-1.83	34.74	27.86	25.0	0.054	1455.0
95	83	-1.83	34.81	27.87	22.4	0.059	1458.2
100	83	-1.83	34.84	27.89	21.1	0.059	1459.7
110	82	-1.82	34.90	27.89	20.2	0.061	1460.8
120	82	-1.82	34.93	27.90	19.3	0.065	1461.8
130	82	-1.82	34.95	27.91	19.3	0.067	1462.1
140	82	-1.82	34.95	27.91	19.4	0.071	1462.3
150	82	-1.82	34.96	27.93	18.4	0.075	1462.3
160	82	-1.82	34.97	27.93	18.1	0.077	1462.7
170	82	-1.82	34.97	27.93	17.3	0.078	1463.1
180	82	-1.82	34.98	27.94	17.3	0.080	1463.2
190	82	-1.82	34.98	27.94	17.4	0.082	1463.4
200	82	-1.82	34.98	27.94	17.4	0.085	1463.6
210	82	-1.82	34.98	27.94	17.2	0.087	1463.7
220	82	-1.82	34.98	27.95	16.9	0.089	1463.7
230	82	-1.82	34.98	27.95	16.3	0.091	1463.8
240	82	-1.82	34.98	27.95	16.1	0.092	1463.8
250	82	-1.82	34.98	27.95	16.1	0.094	1463.8
260	82	-1.82	34.98	27.95	16.0	0.095	1463.9
270	82	-1.82	34.98	27.96	15.8	0.097	1463.9
280	82	-1.82	34.98	27.96	15.5	0.099	1464.0
290	82	-1.82	34.98	27.96	15.4	0.100	1464.0
300	82	-1.82	34.97	27.96	15.3	0.102	1464.0
310	82	-1.82	34.97	27.96	15.3	0.104	1464.0
320	82	-1.82	34.97	27.96	15.2	0.107	1464.0
330	82	-1.82	34.96	27.96	15.2	0.108	1464.0
340	82	-1.82	34.96	27.96	15.1	0.110	1463.8
350	82	-1.82	34.96	27.97	14.5	0.111	1463.7
360	82	-1.82	34.96	27.97	14.5	0.113	1463.7
370	82	-1.82	34.96	27.97	14.3	0.114	1463.7
380	82	-1.82	34.96	27.97	14.3	0.116	1463.7
390	82	-1.82	34.94	27.98	14.3	0.117	1463.7
400	82	-1.82	34.94	27.98	14.3	0.118	1463.7
410							



FRAM 3 STATION 172(1) CTU 3/MAY/1981 2151 GMT CDDP = 5
LAT = 81.7975N LMG = 4.5638E UTER = 30 UGR = 30
AIR TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	8.5	8.5	17.1	22.2	57.0	0.002	1439.5
1	8.5	8.5	17.1	22.2	57.0	0.003	1439.6
2	8.5	8.5	17.1	22.2	57.0	0.009	1439.8
3	8.5	8.5	17.1	22.2	57.0	0.014	1439.9
4	8.5	8.5	17.1	22.2	57.0	0.020	1440.0
5	8.5	8.5	17.1	22.2	57.0	0.026	1440.1
6	8.5	8.5	17.1	22.2	57.0	0.032	1440.2
7	8.5	8.5	17.1	22.2	57.0	0.037	1440.3
8	8.5	8.5	17.1	22.2	57.0	0.042	1440.4
9	8.5	8.5	17.1	22.2	57.0	0.047	1440.5
10	8.5	8.5	17.1	22.2	57.0	0.051	1440.6
11	8.5	8.5	17.1	22.2	57.0	0.054	1440.7
12	8.5	8.5	17.1	22.2	57.0	0.059	1440.8
13	8.5	8.5	17.1	22.2	57.0	0.063	1440.9
14	8.5	8.5	17.1	22.2	57.0	0.067	1441.0
15	8.5	8.5	17.1	22.2	57.0	0.069	1441.1
16	8.5	8.5	17.1	22.2	57.0	0.075	1441.2
17	8.5	8.5	17.1	22.2	57.0	0.079	1441.3
18	8.5	8.5	17.1	22.2	57.0	0.082	1441.4
19	8.5	8.5	17.1	22.2	57.0	0.084	1441.5
20	8.5	8.5	17.1	22.2	57.0	0.088	1441.6
21	8.5	8.5	17.1	22.2	57.0	0.089	1441.7
22	8.5	8.5	17.1	22.2	57.0	0.093	1441.8
23	8.5	8.5	17.1	22.2	57.0	0.095	1441.9
24	8.5	8.5	17.1	22.2	57.0	0.098	1442.0
25	8.5	8.5	17.1	22.2	57.0	0.100	1442.1
26	8.5	8.5	17.1	22.2	57.0	0.103	1442.2
27	8.5	8.5	17.1	22.2	57.0	0.105	1442.3
28	8.5	8.5	17.1	22.2	57.0	0.108	1442.4
29	8.5	8.5	17.1	22.2	57.0	0.111	1442.5
30	8.5	8.5	17.1	22.2	57.0	0.114	1442.6
31	8.5	8.5	17.1	22.2	57.0	0.116	1442.7
32	8.5	8.5	17.1	22.2	57.0	0.119	1442.8
33	8.5	8.5	17.1	22.2	57.0	0.121	1442.9
34	8.5	8.5	17.1	22.2	57.0	0.124	1443.0
35	8.5	8.5	17.1	22.2	57.0	0.126	1443.1
36	8.5	8.5	17.1	22.2	57.0	0.129	1443.2
37	8.5	8.5	17.1	22.2	57.0	0.131	1443.3
38	8.5	8.5	17.1	22.2	57.0	0.134	1443.4
39	8.5	8.5	17.1	22.2	57.0	0.136	1443.5
40	8.5	8.5	17.1	22.2	57.0	0.139	1443.6
41	8.5	8.5	17.1	22.2	57.0	0.141	1443.7
42	8.5	8.5	17.1	22.2	57.0	0.144	1443.8
43	8.5	8.5	17.1	22.2	57.0	0.146	1443.9
44	8.5	8.5	17.1	22.2	57.0	0.148	1444.0
45	8.5	8.5	17.1	22.2	57.0	0.149	1444.1
46	8.5	8.5	17.1	22.2	57.0	0.150	1444.2
47	8.5	8.5	17.1	22.2	57.0	0.151	1444.3
48	8.5	8.5	17.1	22.2	57.0	0.152	1444.4
49	8.5	8.5	17.1	22.2	57.0	0.153	1444.5
50	8.5	8.5	17.1	22.2	57.0	0.154	1444.6
51	8.5	8.5	17.1	22.2	57.0	0.155	1444.7
52	8.5	8.5	17.1	22.2	57.0	0.156	1444.8
53	8.5	8.5	17.1	22.2	57.0	0.157	1444.9
54	8.5	8.5	17.1	22.2	57.0	0.158	1445.0
55	8.5	8.5	17.1	22.2	57.0	0.159	1445.1
56	8.5	8.5	17.1	22.2	57.0	0.160	1445.2
57	8.5	8.5	17.1	22.2	57.0	0.161	1445.3
58	8.5	8.5	17.1	22.2	57.0	0.162	1445.4
59	8.5	8.5	17.1	22.2	57.0	0.163	1445.5
60	8.5	8.5	17.1	22.2	57.0	0.164	1445.6
61	8.5	8.5	17.1	22.2	57.0	0.165	1445.7
62	8.5	8.5	17.1	22.2	57.0	0.166	1445.8
63	8.5	8.5	17.1	22.2	57.0	0.167	1445.9
64	8.5	8.5	17.1	22.2	57.0	0.168	1446.0
65	8.5	8.5	17.1	22.2	57.0	0.169	1446.1
66	8.5	8.5	17.1	22.2	57.0	0.170	1446.2
67	8.5	8.5	17.1	22.2	57.0	0.171	1446.3
68	8.5	8.5	17.1	22.2	57.0	0.172	1446.4
69	8.5	8.5	17.1	22.2	57.0	0.173	1446.5
70	8.5	8.5	17.1	22.2	57.0	0.174	1446.6
71	8.5	8.5	17.1	22.2	57.0	0.175	1446.7
72	8.5	8.5	17.1	22.2	57.0	0.176	1446.8
73	8.5	8.5	17.1	22.2	57.0	0.177	1446.9
74	8.5	8.5	17.1	22.2	57.0	0.178	1447.0
75	8.5	8.5	17.1	22.2	57.0	0.179	1447.1
76	8.5	8.5	17.1	22.2	57.0	0.180	1447.2
77	8.5	8.5	17.1	22.2	57.0	0.181	1447.3
78	8.5	8.5	17.1	22.2	57.0	0.182	1447.4
79	8.5	8.5	17.1	22.2	57.0	0.183	1447.5
80	8.5	8.5	17.1	22.2	57.0	0.184	1447.6
81	8.5	8.5	17.1	22.2	57.0	0.185	1447.7
82	8.5	8.5	17.1	22.2	57.0	0.186	1447.8
83	8.5	8.5	17.1	22.2	57.0	0.187	1447.9
84	8.5	8.5	17.1	22.2	57.0	0.188	1448.0
85	8.5	8.5	17.1	22.2	57.0	0.189	1448.1
86	8.5	8.5	17.1	22.2	57.0	0.190	1448.2
87	8.5	8.5	17.1	22.2	57.0	0.191	1448.3
88	8.5	8.5	17.1	22.2	57.0	0.192	1448.4
89	8.5	8.5	17.1	22.2	57.0	0.193	1448.5
90	8.5	8.5	17.1	22.2	57.0	0.194	1448.6
91	8.5	8.5	17.1	22.2	57.0	0.195	1448.7
92	8.5	8.5	17.1	22.2	57.0	0.196	1448.8
93	8.5	8.5	17.1	22.2	57.0	0.197	1448.9
94	8.5	8.5	17.1	22.2	57.0	0.198	1449.0
95	8.5	8.5	17.1	22.2	57.0	0.199	1449.1
96	8.5	8.5	17.1	22.2	57.0	0.200	1449.2
97	8.5	8.5	17.1	22.2	57.0	0.201	1449.3
98	8.5	8.5	17.1	22.2	57.0	0.202	1449.4
99	8.5	8.5	17.1	22.2	57.0	0.203	1449.5
100	8.5	8.5	17.1	22.2	57.0	0.204	1449.6
101	8.5	8.5	17.1	22.2	57.0	0.205	1449.7
102	8.5	8.5	17.1	22.2	57.0	0.206	1449.8
103	8.5	8.5	17.1	22.2	57.0	0.207	1449.9
104	8.5	8.5	17.1	22.2	57.0	0.208	1450.0
105	8.5	8.5	17.1	22.2	57.0	0.209	1450.1
106	8.5	8.5	17.1	22.2	57.0	0.210	1450.2
107	8.5	8.5	17.1	22.2	57.0	0.211	1450.3
108	8.5	8.5	17.1	22.2	57.0	0.212	1450.4
109	8.5	8.5	17.1	22.2	57.0	0.213	1450.5
110	8.5	8.5	17.1	22.2	57.0	0.214	1450.6
111	8.5	8.5	17.1	22.2	57.0	0.215	1450.7
112	8.5	8.5	17.1	22.2	57.0	0.216	1450.8
113	8.5	8.5	17.1	22.2	57.0	0.217	1450.9
114	8.5	8.5	17.1	22.2	57.0	0.218	1451.0
115	8.5	8.5	17.1	22.2	57.0	0.219	1451.1
116	8.5	8.5	17.1	22.2	57.0	0.220	1451.2
117	8.5	8.5	17.1	22.2	57.0	0.221	1451.3
118	8.5	8.5	17.1	22.2	57.0	0.222	1451.4
119	8.5	8.5	17.1	22.2	57.0	0.223	1451.5
120	8.5	8.5	17.1	22.2	57.0	0.224	1451.6
121	8.5	8.5	17.1	22.2	57.0	0.225	1451.7
122	8.5	8.5	17.1	22.2	57.0	0.226	1451.8
123	8.5	8.5	17.1	22.2	57.0	0.227	1451.9
124	8.5	8.5	17.1	22.2	57.0	0.228	1452.0
125	8.5	8.5	17.1	22.2	57.0	0.229	1452.1
126	8.5	8.5	17.1	22.2	57.0	0.230	1452.2
127	8.5	8.5	17.1	22.2	57.0	0.231	1452.3
128	8.5	8.5	17.1	22.2	57.0	0.232	1452.4
129	8.5	8.5	17.1	22.2	57.0	0.233	1452.5
130	8.5	8.5	17.1	22.2	57.0	0.234	1452.6
131	8.5	8.5	17.1	22.2	57.0	0.235	1452.7
132	8.5	8.5	17.1	22.2	57.0	0.236	1452.8
133	8.5	8.5	17.1	22.2	57.0	0.237	1452.9
134	8.5	8.5	17.1	22.2	57.0	0.238	1453.0
135	8.5	8.5	17.1	22.2	57.0	0.239	1453.1
136	8.5	8.5	17.1	22.2	57.0	0.240	1453.2
137	8.5	8.5	17.1	22.2	57.0	0.241	1453.3
138	8.5	8.5	17.1	22.2	57.0	0.242	1453.4
139	8.5	8.5	17.1	22.2	57.0	0.243	1453.5
140	8.5	8.5	17.1	22.2	57.0	0.244	1453.6
141	8.5	8.5	17.1	22.2	57.0	0.245	1453.7
142	8.5	8.5	17.1	22.2	57.0	0.246	1453.8
143	8.5	8.5	17.1	22.2	57.0	0.247	1453.9
144	8.5	8.5	17.1	22.2	57.0	0.248	1454.0
145	8.5	8.5	17.1	22.2	57.0	0.249	1454.1
146	8.5	8.5	17.1	22.2	57.0	0.250	1454.2
147	8.5	8.5	17.1	22.2	57.0	0.251	1454.3
148	8.5	8.5	17.1	22.2	57.0	0.252	1454.4
149	8.5	8.5	17.1	22.2	57.0	0.253	1454.5
150	8.5	8.5	17.1	22.2	57.0	0.254	1454.6
151	8.5	8.5	17.1	22.2	57.0	0.255	1454.7
152	8.5	8.5	17.1	22.2	57.0	0.256	1454.8
153	8.5	8.5	17.1	22.2	57.0	0.257	1454.9
154	8.5	8.5	17.1	22.2	57.0	0.258	1455.0
155	8.5	8.5	17.1	22.2	57.0	0.259	1455.1
156	8.5	8.5	17.1	22.2	57.0	0.260	1455.2
157	8.5	8.5	17.1	22.2	57.0	0.261	1455.3
158	8.5	8.5	17.1	22.2	57.0	0.262	1455.4
159	8.5	8.5	17.1	22.2	57.0	0.263	1455.5
160	8.5	8.5	17.1	22.2	57.0	0.264	1455.6
161	8.5	8.5	17.1				

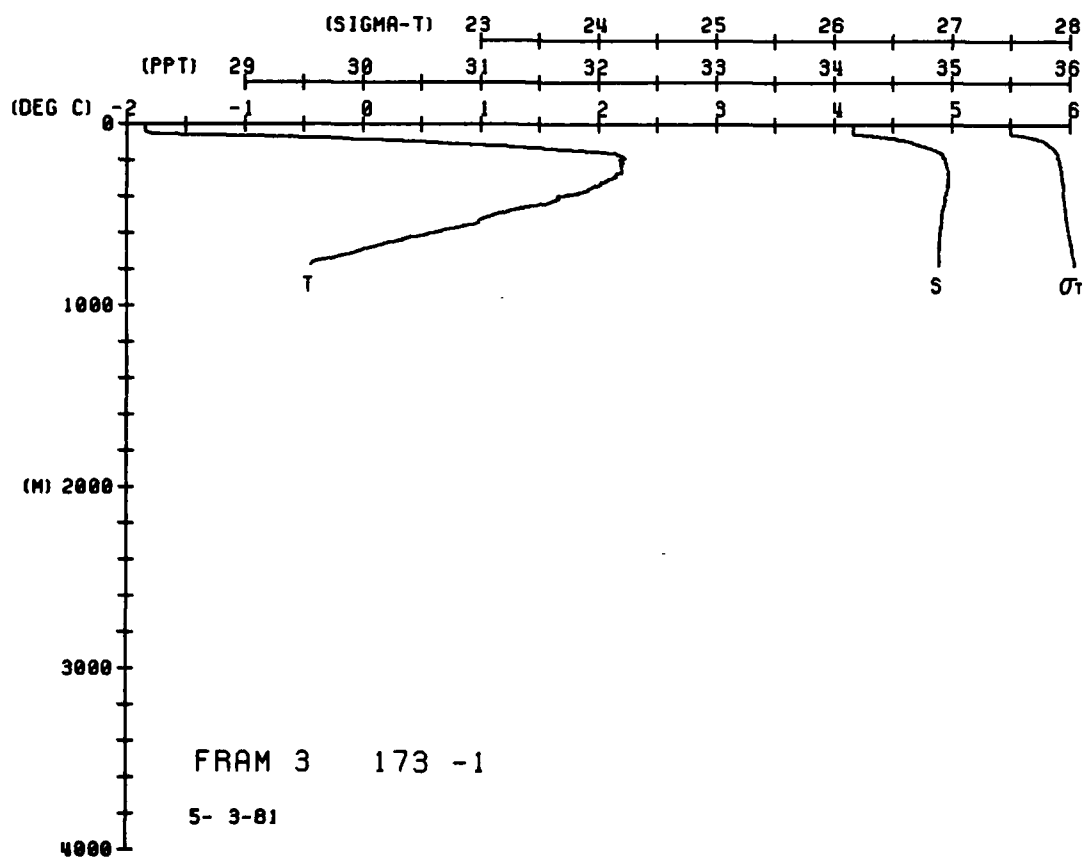
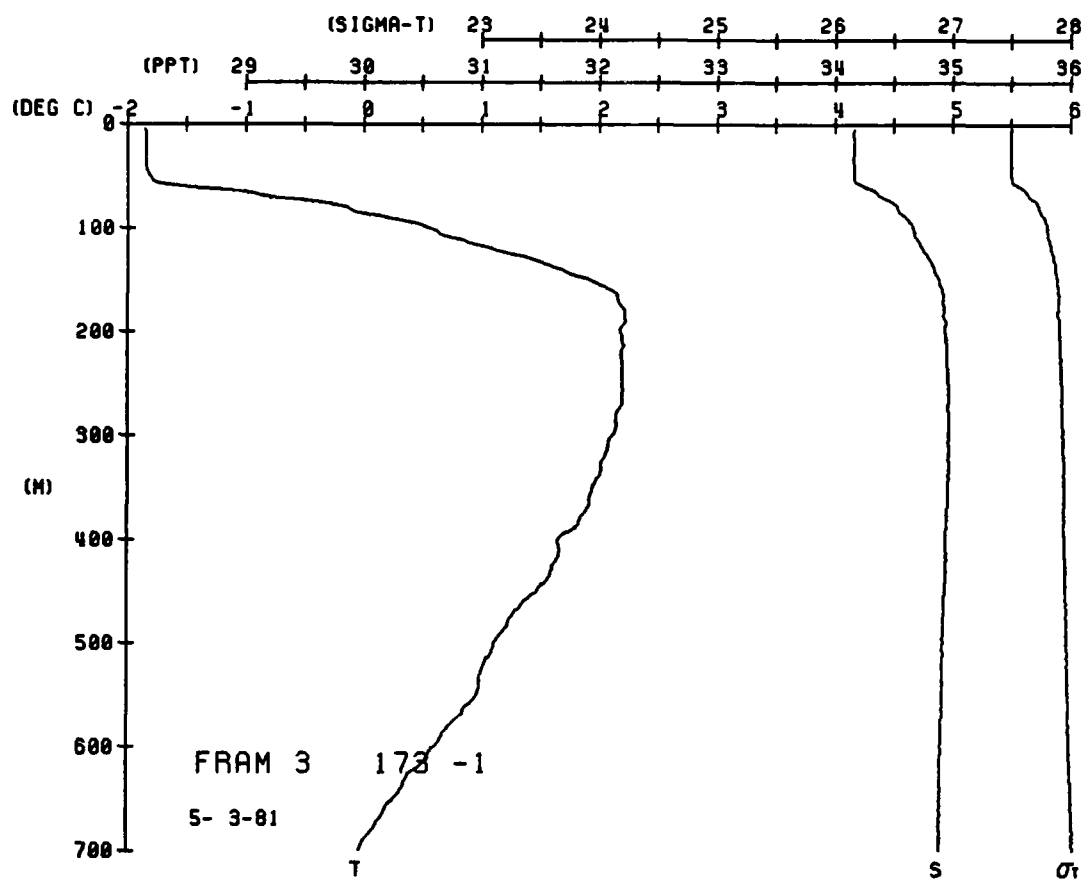


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FRAM J STATION 173(1) CTU 3/MAY/1981 2222 GMT CUDF = 5
LAT = 81.7970N LNG = 4.5527E LTER = 30 LGEM = 30
AIR TEMP = 0.0 BAKOM = 0.0 WIND = 0.0 SPEED = 0.0

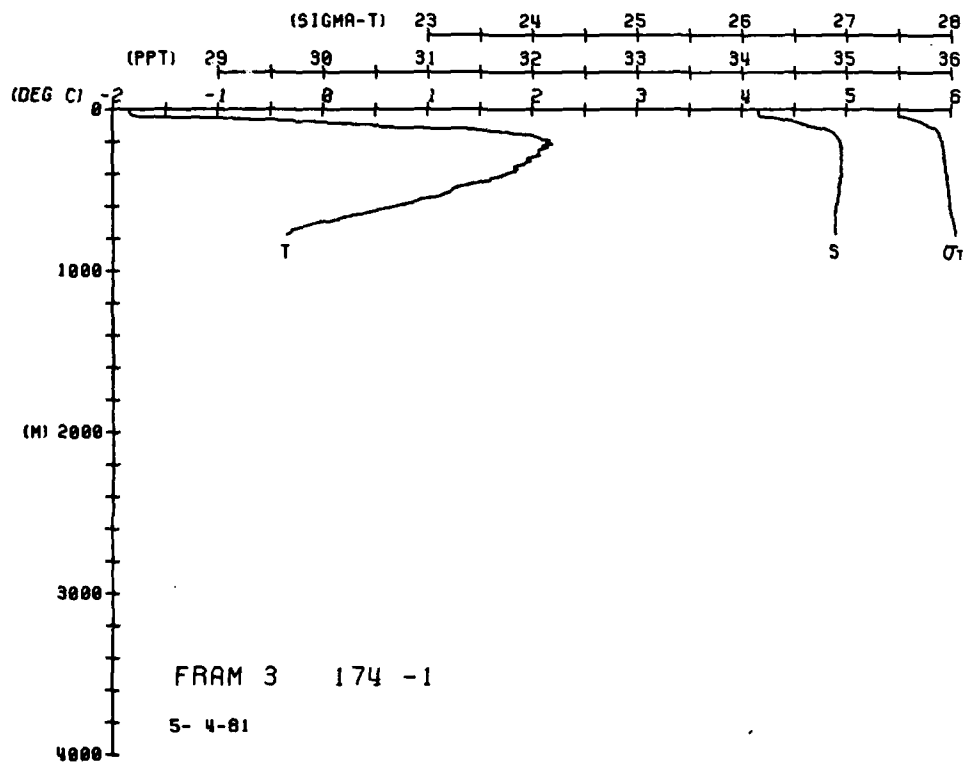
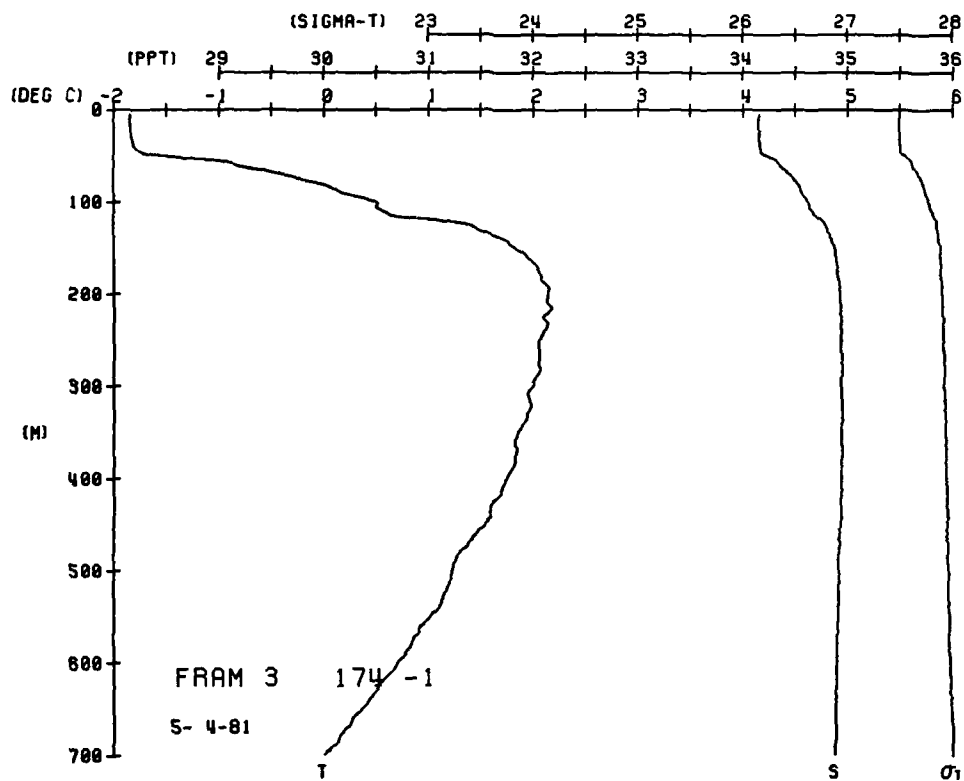
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DEPTH	TEMP	PIEP	SALIN	SIG T	SPVUL	DYNHI	SOUND
0	5	5	17	51	9	0	1439.5
4	5	5	17	51	9	0	1439.6
8	5	5	17	51	9	0	1439.7
12	5	5	17	51	9	0	1439.8
16	5	5	17	51	9	0	1439.9
20	5	5	17	51	9	0	1439.9
24	5	5	17	51	9	0	1439.9
28	5	5	17	51	9	0	1439.9
32	5	5	17	51	9	0	1439.9
36	5	5	17	51	9	0	1439.9
40	5	5	17	51	9	0	1439.9
44	5	5	17	51	9	0	1439.9
48	5	5	17	51	9	0	1439.9
52	5	5	17	51	9	0	1439.9
56	5	5	17	51	9	0	1439.9
60	5	5	17	51	9	0	1439.9
64	5	5	17	51	9	0	1439.9
68	5	5	17	51	9	0	1439.9
72	5	5	17	51	9	0	1439.9
76	5	5	17	51	9	0	1439.9
80	5	5	17	51	9	0	1439.9
84	5	5	17	51	9	0	1439.9
88	5	5	17	51	9	0	1439.9
92	5	5	17	51	9	0	1439.9
96	5	5	17	51	9	0	1439.9
100	5	5	17	51	9	0	1439.9
104	5	5	17	51	9	0	1439.9
108	5	5	17	51	9	0	1439.9
112	5	5	17	51	9	0	1439.9
116	5	5	17	51	9	0	1439.9
120	5	5	17	51	9	0	1439.9
124	5	5	17	51	9	0	1439.9
128	5	5	17	51	9	0	1439.9
132	5	5	17	51	9	0	1439.9
136	5	5	17	51	9	0	1439.9
140	5	5	17	51	9	0	1439.9
144	5	5	17	51	9	0	1439.9
148	5	5	17	51	9	0	1439.9
152	5	5	17	51	9	0	1439.9
156	5	5	17	51	9	0	1439.9
160	5	5	17	51	9	0	1439.9
164	5	5	17	51	9	0	1439.9
168	5	5	17	51	9	0	1439.9
172	5	5	17	51	9	0	1439.9
176	5	5	17	51	9	0	1439.9
180	5	5	17	51	9	0	1439.9
184	5	5	17	51	9	0	1439.9
188	5	5	17	51	9	0	1439.9
192	5	5	17	51	9	0	1439.9
196	5	5	17	51	9	0	1439.9
200	5	5	17	51	9	0	1439.9
204	5	5	17	51	9	0	1439.9
208	5	5	17	51	9	0	1439.9
212	5	5	17	51	9	0	1439.9
216	5	5	17	51	9	0	1439.9
220	5	5	17	51	9	0	1439.9
224	5	5	17	51	9	0	1439.9
228	5	5	17	51	9	0	1439.9
232	5	5	17	51	9	0	1439.9
236	5	5	17	51	9	0	1439.9
240	5	5	17	51	9	0	1439.9
244	5	5	17	51	9	0	1439.9
248	5	5	17	51	9	0	1439.9
252	5	5	17	51	9	0	1439.9
256	5	5	17	51	9	0	1439.9
260	5						



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FRAM 3 STATION 174(1) CTD 4/MAY/1981 932 GMT CODE = 5
LAT = 81.7853N LNG = 4.3973E LTER = 30 LGER = 30
AIR TEMP = 0.0 BAKOM = 0.0 WIND = 0.0 SPEED = 0.0
```

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	84	84	34	27	57	0	1439
1	84	84	34	27	57	0	1439
2	84	84	34	27	57	0	1439
3	84	84	34	27	57	0	1439
4	84	84	34	27	57	0	1439
5	84	84	34	27	57	0	1439
6	84	84	34	27	57	0	1439
7	84	84	34	27	57	0	1439
8	84	84	34	27	57	0	1439
9	84	84	34	27	57	0	1439
10	84	84	34	27	57	0	1439
11	84	84	34	27	57	0	1439
12	84	84	34	27	57	0	1439
13	84	84	34	27	57	0	1439
14	84	84	34	27	57	0	1439
15	84	84	34	27	57	0	1439
16	84	84	34	27	57	0	1439
17	84	84	34	27	57	0	1439
18	84	84	34	27	57	0	1439
19	84	84	34	27	57	0	1439
20	84	84	34	27	57	0	1439
21	84	84	34	27	57	0	1439
22	84	84	34	27	57	0	1439
23	84	84	34	27	57	0	1439
24	84	84	34	27	57	0	1439
25	84	84	34	27	57	0	1439
26	84	84	34	27	57	0	1439
27	84	84	34	27	57	0	1439
28	84	84	34	27	57	0	1439
29	84	84	34	27	57	0	1439
30	84	84	34	27	57	0	1439
31	84	84	34	27	57	0	1439
32	84	84	34	27	57	0	1439
33	84	84	34	27	57	0	1439
34	84	84	34	27	57	0	1439
35	84	84	34	27	57	0	1439
36	84	84	34	27	57	0	1439
37	84	84	34	27	57	0	1439
38	84	84	34	27	57	0	1439
39	84	84	34	27	57	0	1439
40	84	84	34	27	57	0	1439
41	84	84	34	27	57	0	1439
42	84	84	34	27	57	0	1439
43	84	84	34	27	57	0	1439
44	84	84	34	27	57	0	1439
45	84	84	34	27	57	0	1439
46	84	84	34	27	57	0	1439
47	84	84	34	27	57	0	1439
48	84	84	34	27	57	0	1439
49	84	84	34	27	57	0	1439
50	84	84	34	27	57	0	1439
51	84	84	34	27	57	0	1439
52	84	84	34	27	57	0	1439
53	84	84	34	27	57	0	1439
54	84	84	34	27	57	0	1439
55	84	84	34	27	57	0	1439
56	84	84	34	27	57	0	1439
57	84	84	34	27	57	0	1439
58	84	84	34	27	57	0	1439
59	84	84	34	27	57	0	1439
60	84	84	34	27	57	0	1439
61	84	84	34	27	57	0	1439
62	84	84	34	27	57	0	1439
63	84	84	34	27	57	0	1439
64	84	84	34	27	57	0	1439

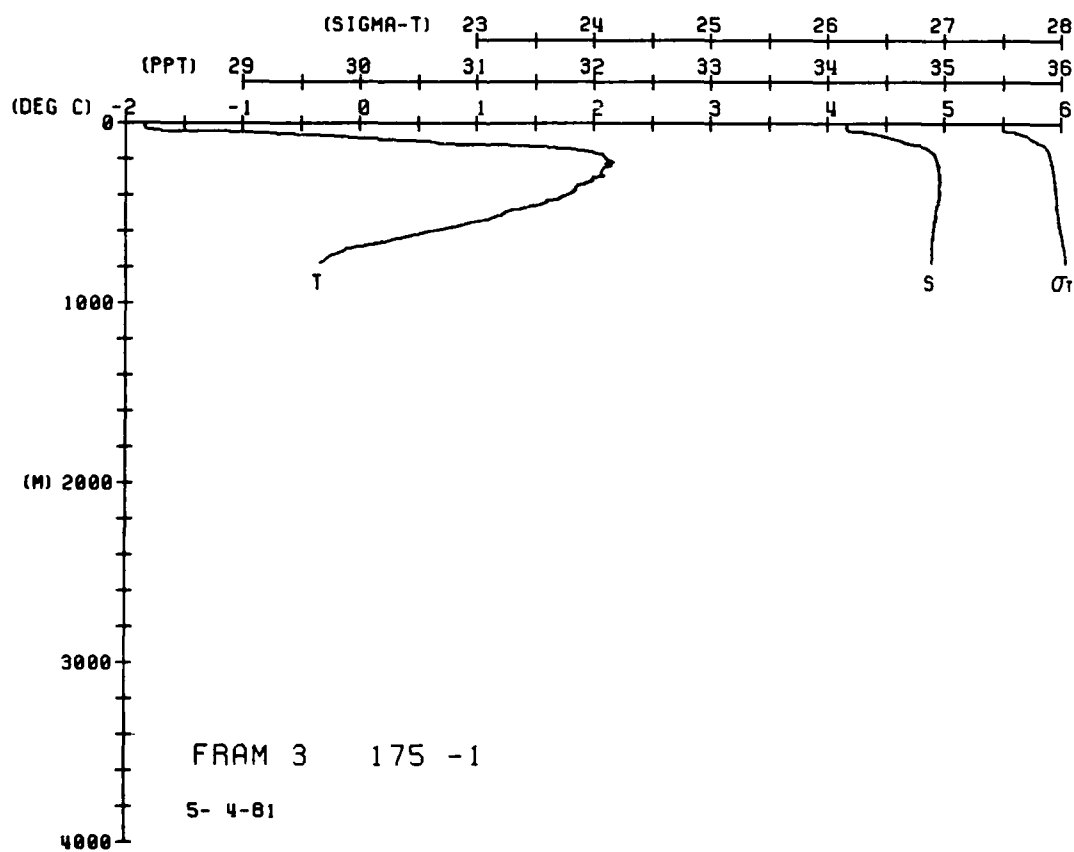
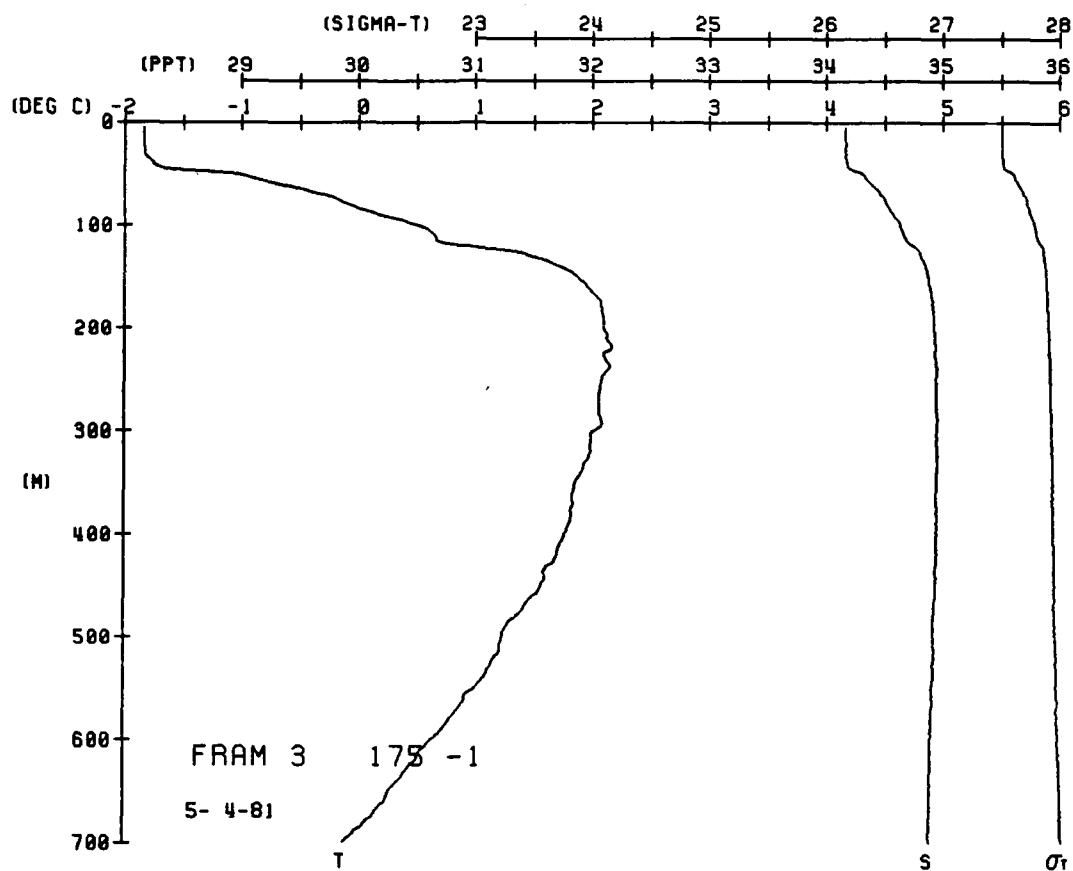


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FRAM 3 STATION 175(1) C10 4/MAY/1981 1007 GMT CODE = 5
LAT = 81.7642N LNG = 4.3837E LTR = 30. LGER = 30.
AIR TEMP = 0.0 HAKUM = 0.0 WIND = 0.0 SPEED = 0.0

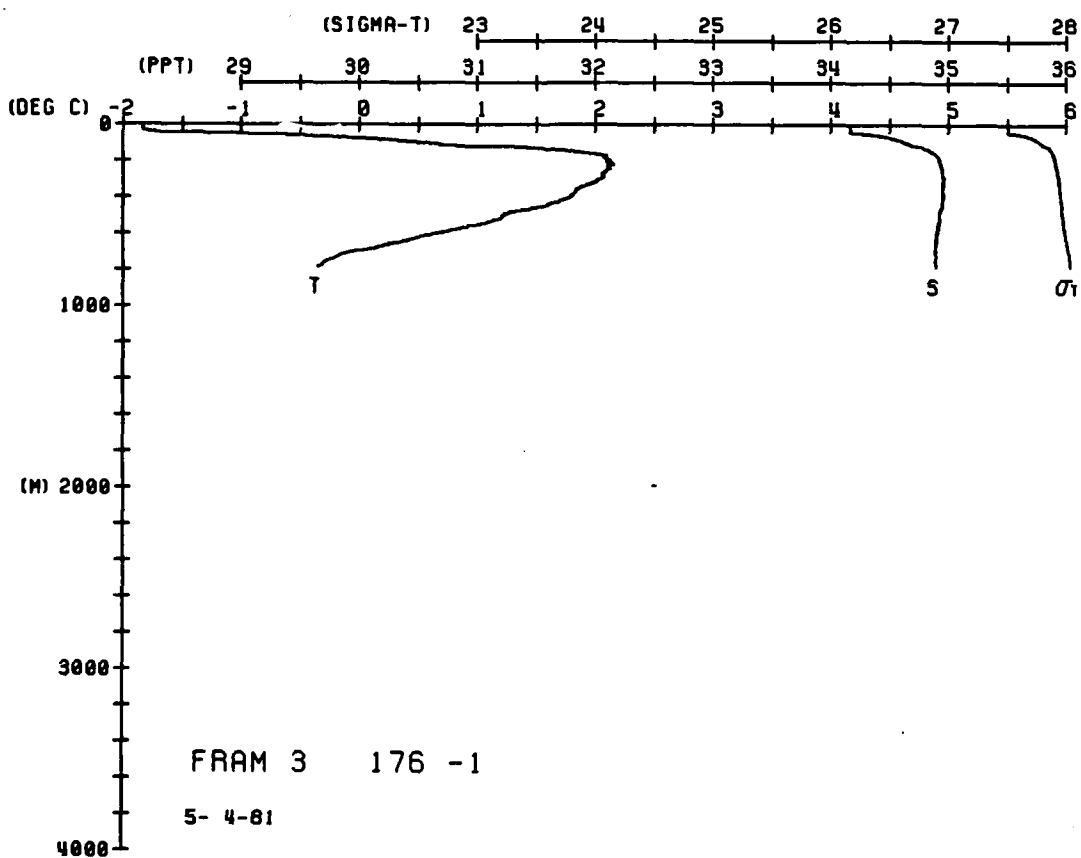
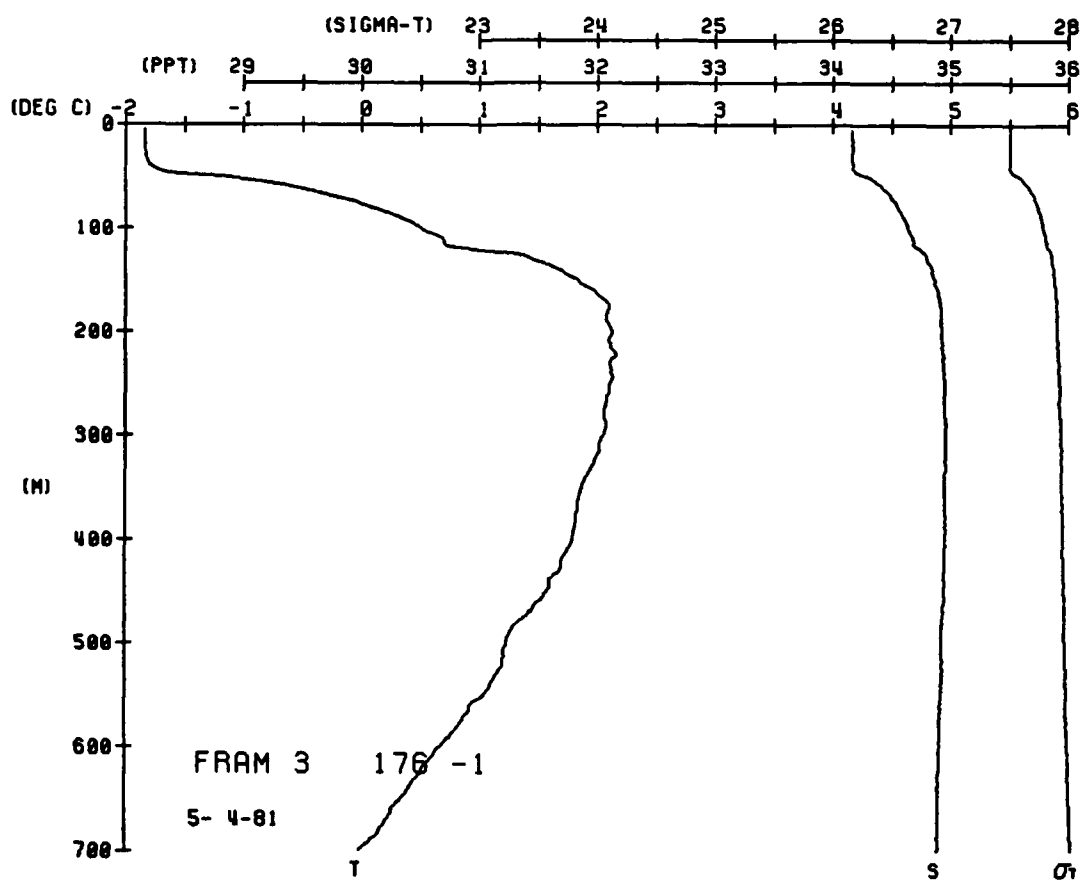
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DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	710.0	-0.14	34.89	28.03	7.0	0.146	1460.3
45	740.0	-0.27	34.89	28.03	6.1	0.148	1460.2
105	779.1	-0.37	34.90	28.04	5.4	0.151	1460.5
135							
165							
195							
225							
255							
285							
315							
345							
375							
405							
435							
465							
495							
525							
555							
585							
615							
645							
675							
705							
735							
765							
795							
825							
855							
885							
915							
945							
975							
1005							
1035							
1065							
1095							
1125							
1155							
1185							
1215							
1245							
1275							
1305							
1335							
1365							
1395							
1425							
1455							
1485							
1515							
1545							
1575							
1605							
1635							
1665							
1695							
1725							
1755							
1785							
1815							
1845							
1875							
1905							
1935							
1965							
1995							
2025							
2055							
2085							
2115							
2145							
2175							
2205							
2235							
2265							
2295							
2325							
2355							
2385							
2415							
2445							
2475							
2505							
2535							
2565							
2595							
2625							
2655							
2685							
2715							
2745							
2775							
2805							
2835					</		



FRAM 3 STATION 176(1) CTU 4/MAY/1981 1037 GMT CDRK = 5
 LAT = 81.7835N LMG = 4.3705E LLEN = 30. DEGR = 30.
 AIR TEMP = 0.0 MIN = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHI	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	84	-1.84	34.16	27.50	57.4	0.000	1439.6	6	-0.13	-0.16	34.89	28.03	7.2	0.147	1460.4
4	84	-1.84	34.16	27.50	57.4	0.002	1439.6	10	-0.23	-0.26	34.90	28.03	6.3	0.149	1460.4
5	84	-1.84	34.16	27.50	57.3	0.003	1439.7	15	-0.37	-0.40	34.90	28.04	5.4	0.151	1460.5
10	84	-1.84	34.16	27.50	57.1	0.006	1439.7	20							
15	84	-1.84	34.16	27.50	57.1	0.009	1439.8	25							
20	84	-1.84	34.16	27.50	57.1	0.012	1439.9	30							
25	84	-1.84	34.16	27.50	57.1	0.017	1440.1	35							
30	84	-1.82	34.16	27.50	57.1	0.020	1440.2	40							
35	84	-1.82	34.17	27.50	57.1	0.023	1440.5	45							
40	84	-1.79	34.19	27.52	56.5	0.026	1441.0	50							
45	84	-1.72	34.22	27.59	55.2	0.029	1443.4	55							
50	84	-1.65	34.24	27.63	44.7	0.031	1445.4	60							
55	84	-1.58	34.26	27.67	41.3	0.033	1447.8	65							
60	84	-1.52	34.28	27.69	39.4	0.035	1449.9	70							
65	84	-1.46	34.30	27.71	37.4	0.037	1449.9	75							
70	84	-1.40	34.33	27.74	35.5	0.039	1449.7	80							
75	84	-1.34	34.35	27.77	33.8	0.041	1450.4	85							
80	84	-1.28	34.37	27.79	32.2	0.044	1451.8	90							
85	84	-1.22	34.39	27.81	30.4	0.046	1453.8	95							
90	84	-1.16	34.41	27.83	28.5	0.047	1455.8	100							
95	84	-1.10	34.43	27.85	26.8	0.050	1457.7	105							
100	84	-1.04	34.45	27.87	25.0	0.053	1459.0	110							
105	84	-1.08	34.47	27.89	23.2	0.058	1459.8	115							
110	84	-1.12	34.49	27.91	21.3	0.062	1460.7	120							
115	84	-1.16	34.51	27.93	20.4	0.064	1461.7	125							
120	84	-1.20	34.53	27.95	20.5	0.066	1462.7	130							
125	84	-1.24	34.55	27.97	20.6	0.068	1463.7	135							
130	84	-1.28	34.57	27.99	20.7	0.069	1464.7	140							
135	84	-1.32	34.59	28.01	20.8	0.071	1465.7	145							
140	84	-1.36	34.61	28.03	20.9	0.073	1466.7	150							
145	84	-1.40	34.63	28.05	21.0	0.075	1467.7	155							
150	84	-1.44	34.65	28.07	21.1	0.077	1468.7	160							
155	84	-1.48	34.67	28.09	21.2	0.078	1469.7	165							
160	84	-1.52	34.69	28.11	21.3	0.080	1470.7	170							
165	84	-1.56	34.71	28.13	21.4	0.082	1471.7	175							
170	84	-1.60	34.73	28.15	21.5	0.084	1472.7	180							
175	84	-1.64	34.75	28.17	21.6	0.086	1473.7	185							
180	84	-1.68	34.77	28.19	21.7	0.088	1474.7	190							
185	84	-1.72	34.79	28.21	21.8	0.090	1475.7	195							
190	84	-1.76	34.81	28.23	21.9	0.091	1476.7	200							
195	84	-1.80	34.83	28.25	22.0	0.093	1477.7	205							
200	84	-1.84	34.85	28.27	22.1	0.095	1478.7	210							
205	84	-1.88	34.87	28.29	22.2	0.097	1479.7	215							
210	84	-1.92	34.89	28.31	22.3	0.098	1480.7	220							
215	84	-1.96	34.91	28.33	22.4	0.099	1481.7	225							
220	84	-2.00	34.93	28.35	22.5	0.100	1482.7	230							
225	84	-2.04	34.95	28.37	22.6	0.102	1483.7	235							
230	84	-2.08	34.97	28.39	22.7	0.104	1484.7	240							
235	84	-2.12	34.99	28.41	22.8	0.106	1485.7	245							
240	84	-2.16	35.01	28.43	22.9	0.108	1486.7	250							
245	84	-2.20	35.03	28.45	23.0	0.110	1487.7	255							
250	84	-2.24	35.05	28.47	23.1	0.112	1488.7	260							
255	84	-2.28	35.07	28.49	23.2	0.114	1489.7	265							
260	84	-2.32	35.09	28.51	23.3	0.116	1490.7	270							
265	84	-2.36	35.11	28.53	23.4	0.118	1491.7	275							
270	84	-2.40	35.13	28.55	23.5	0.120	1492.7	280							
275	84	-2.44	35.15	28.57	23.6	0.122	1493.7	285							
280	84	-2.48	35.17	28.59	23.7	0.124	1494.7	290							
285	84	-2.52	35.19	28.61	23.8	0.126	1495.7	295							
290	84	-2.56	35.21	28.63	23.9	0.128	1496.7	300							
295	84	-2.60	35.23	28.65	24.0	0.130	1497.7	305							
300	84	-2.64	35.25	28.67	24.1	0.132	1498.7	310							
305	84	-2.68	35.27	28.69	24.2	0.134	1499.7	315							
310	84	-2.72	35.29	28.71	24.3	0.136	1500.7	320							
315	84	-2.76	35.31	28.73	24.4	0.138	1501.7	325							
320	84	-2.80	35.33	28.75	24.5	0.140	1502.7	330							
325	84	-2.84	35.35	28.77	24.6	0.142	1503.7	335							
330	84	-2.88	35.37	28.79	24.7	0.144	1504.7	340							
335	84	-2.92	35.39	28.81	24.8	0.146	1505.7	345							
340	84	-2.96	35.41	28.83	24.9	0.148	1506.7	350							
345	84	-3.00	35.43	28.85	25.0	0.150	1507.7	355							
350	84	-3.04	35.45	28.87	25.1	0.152	1508.7	360							
355	84	-3.08	35.47	28.89	25.2	0.154	1509.7	365							
360	84	-3.12	35.49	28.91	25.3	0.156	1510.7	370							
365	84	-3.16	35.51	28.93	25.4	0.158	1511.7	375							
370	84	-3.20	35.53	28.95	25.5	0.160	1512.7	380							
375	84	-3.24	35.55	28.97	25.6	0.162	1513.7	385							
380	84	-3.28	35.57	28.99	25.7	0.164	1514.7	390							
385	84	-3.32	35.59	29.01	25.8	0.166	1515.7	395							
390	84	-3.36	35.61	29.03	25.9	0.168	1516.7	400							
395	84	-3.40	35.63	29.05	26.0	0.170	1517.7	405							
400	84	-3.44	35.65	29.07	26.1	0.172	1518.7	410							
405	84	-3.48	35.67	29.09	26.2	0.174	1519.7	415							
410	84	-3.52	35.69	29.11	26.3	0.176	1520.7	420							
415	84	-3.56	35.71	29.13	26.4	0.178	1521.7	425							
420	84	-3.60	35.73	29.15	26.5	0.180	1522.7	430							
425	84	-3.64	35.75	29.17	26.6	0.182	1523.7	435							
430	84	-3.68	35.77	29.19	26.7	0.184	1524.7	440							
435	84	-3.72	35.79	29.21	26.8	0.186	1525.7	445							
440	84	-3.76	35.81	29.23	26.9	0.188	1526.7	450							
445	84	-3.80	35.83	29.25	27.0	0.190	1527.7	455							
450	84	-3.84	35.85	29.27	27.1	0.192	1528.7	460							
455	84	-3.88	35.87	29.29	27.2	0.194	1529.7	465							
460	84	-3.92	35.89	29.31	27.3	0.196	1530.7	470							
465	84	-3.96	35.91	29.33	27.4	0.198	1531.7	475							
470	84	-4.00	35.93	29.35	27.5	0.200	1532.7	480							
475	84	-4.04	35.95	29.37	27.6	0.202	1533.7	485							
480	84	-4.08	35.97	29.39	27.7	0.204	1534.7	490							
485	84	-4.12	35.99	29.41	27.8	0.206	1535.7	495							
490	84	-4.16	36.01	29.43	27.9	0.208	1536.7	500							
495	84	-4.20	36.03	29.45	28.0	0.210	1537.7	505							
500	84	-4.24	36.05	29.47	28.1	0.212	1538.7	510							
505	84	-4.28	36.07	29.49	28.2	0.214	1539.7	515							
510	84	-4.32	36.09	29.51	28.3	0.216	1540.7	520							
515	84	-4.36	36.11	29.53	28.4	0.218	154								

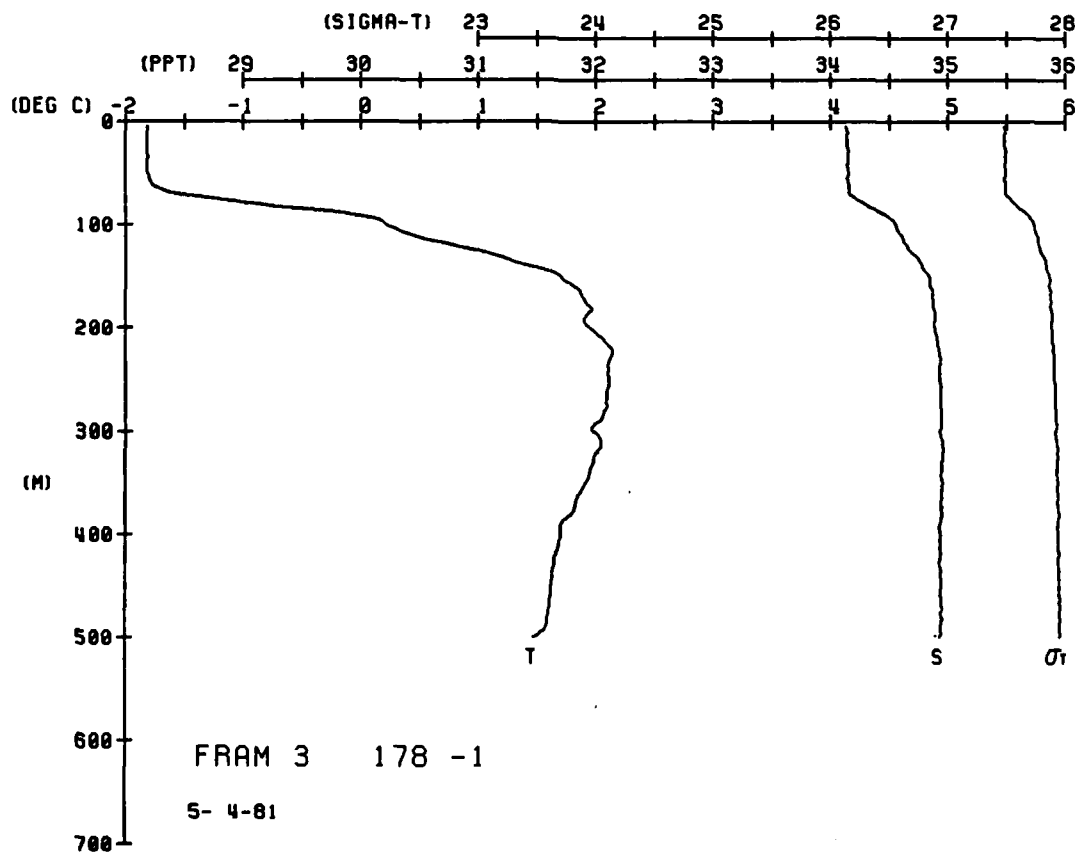
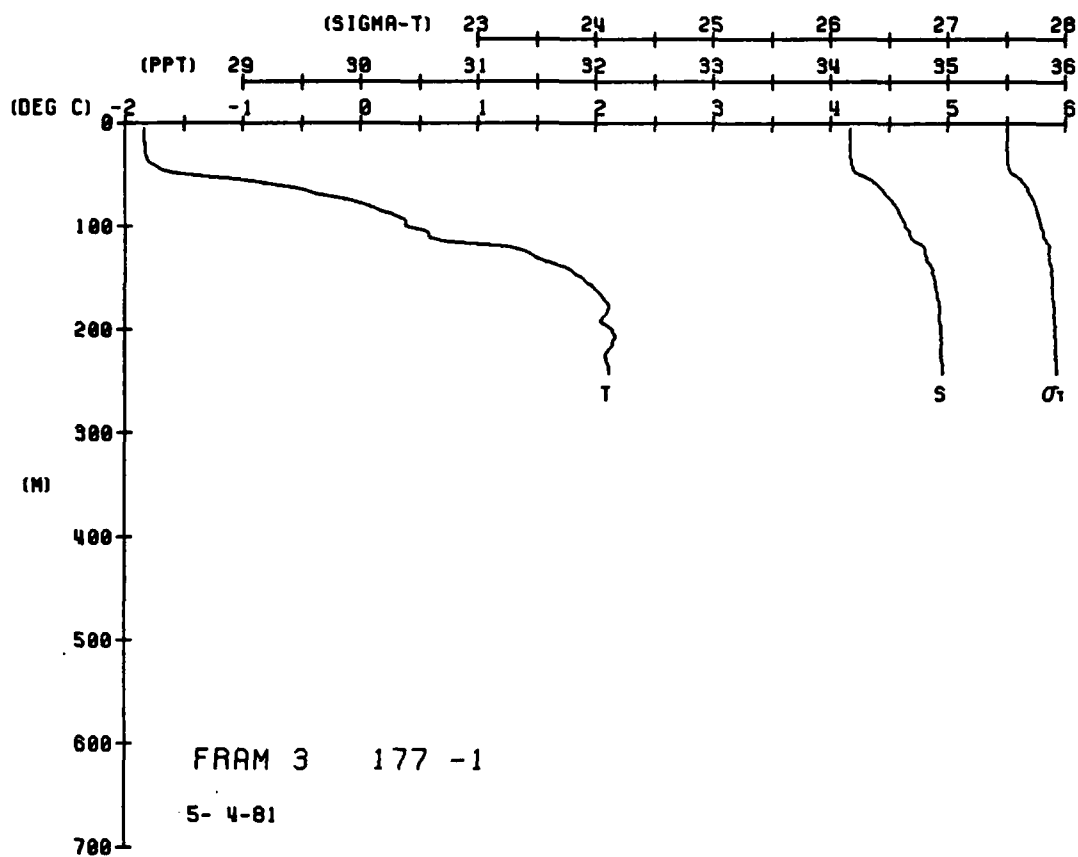


FRAM 3 STATION 177(1) CTU 4/MAY/1981 1115 GMT CODE = 5
LAT = 81.7832N LNG = 4.3613E UTER = 30. LGK = 30.
AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	LYNHT	SOUND
0	84	84	34.17	27.51	9	0.000	1439.6
5	84	84	34.17	27.51	568	0.003	1439.7
10	84	84	34.17	27.51	567	0.006	1439.8
15	84	84	34.17	27.51	566	0.009	1439.9
20	83	83	34.17	27.50	565	0.014	1440.0
25	83	83	34.17	27.50	564	0.017	1440.1
30	83	83	34.17	27.50	563	0.020	1440.2
35	83	83	34.17	27.50	562	0.023	1440.3
40	83	83	34.17	27.50	561	0.026	1440.4
45	83	83	34.17	27.50	560	0.028	1440.5
50	83	83	34.17	27.50	559	0.031	1440.6
55	83	83	34.17	27.50	558	0.033	1440.7
60	83	83	34.17	27.50	557	0.037	1440.8
65	83	83	34.17	27.50	556	0.039	1440.9
70	83	83	34.17	27.50	555	0.041	1441.0
75	83	83	34.17	27.50	554	0.042	1441.1
80	83	83	34.17	27.50	553	0.044	1441.2
85	83	83	34.17	27.50	552	0.046	1441.3
90	83	83	34.17	27.50	551	0.047	1441.4
95	83	83	34.17	27.50	550	0.050	1441.5
100	83	83	34.17	27.50	549	0.053	1441.6
110	83	83	34.17	27.50	548	0.057	1441.7
120	83	83	34.17	27.50	547	0.059	1441.8
130	83	83	34.17	27.50	546	0.061	1441.9
140	83	83	34.17	27.50	545	0.064	1442.0
150	83	83	34.17	27.50	544	0.068	1442.1
160	83	83	34.17	27.50	543	0.071	1442.2
170	83	83	34.17	27.50	542	0.073	1442.3
180	83	83	34.17	27.50	541	0.075	1442.4
190	83	83	34.17	27.50	540	0.077	1442.5
200	83	83	34.17	27.50	539	0.076	1442.6

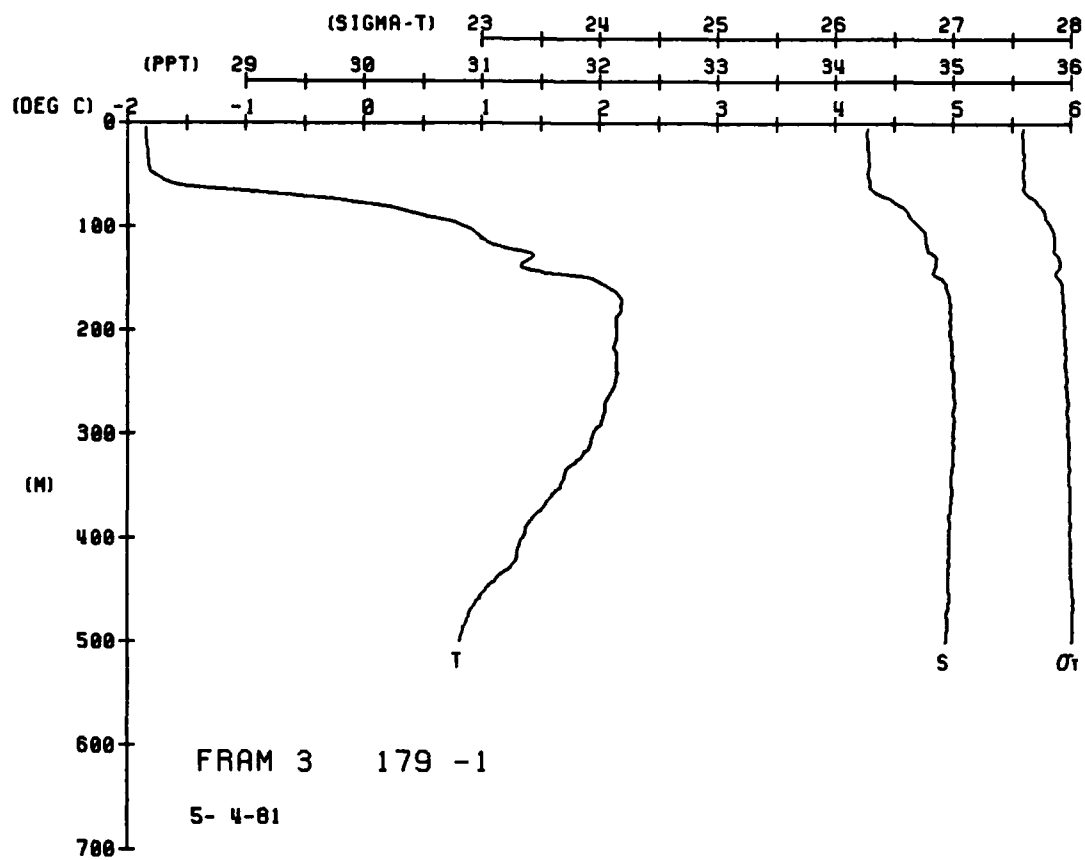
FRAM 3 STATION 178(1) CTU 4/MAY/1981 1351 GMT CODE = 5
LAT = 81.6783N LNG = 1.4117E UTER = 300. LGK = 300.
AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	LYNHT	SOUND
0	82	82	34.13	27.47	60.2	0.000	1439.6
5	82	82	34.13	27.47	59.4	0.003	1439.7
10	82	82	34.13	27.47	58.5	0.006	1439.8
15	82	82	34.13	27.47	57.6	0.012	1439.9
20	82	82	34.13	27.47	56.7	0.015	1440.0
25	82	82	34.13	27.47	55.8	0.018	1440.1
30	82	82	34.13	27.47	54.9	0.024	1440.2
35	82	82	34.13	27.47	54.0	0.027	1440.3
40	82	82	34.13	27.47	53.1	0.035	1440.4
45	82	82	34.13	27.47	52.2	0.038	1440.5
50	82	82	34.13	27.47	51.3	0.044	1440.6
55	82	82	34.13	27.47	50.4	0.049	1440.7
60	82	82	34.13	27.47	49.5	0.051	1440.8
65	82	82	34.13	27.47	48.6	0.055	1440.9
70	82	82	34.13	27.47	47.7	0.061	1441.0
75	82	82	34.13	27.47	46.8	0.064	1441.1
80	82	82	34.13	27.47	45.9	0.067	1441.2
85	82	82	34.13	27.47	45.0	0.070	1441.3
90	82	82	34.13	27.47	44.1	0.076	1441.4
95	82	82	34.13	27.47	43.2	0.081	1441.5
100	82	82	34.13	27.47	42.3	0.083	1441.6
110	82	82	34.13	27.47	41.4	0.085	1441.7
120	82	82	34.13	27.47	40.5	0.089	1441.8
130	82	82	34.13	27.47	39.6	0.093	1441.9
140	82	82	34.13	27.47	38.7	0.097	1442.0
150	82	82	34.13	27.47	37.8	0.102	1442.1
160	82	82	34.13	27.47	36.9	0.106	1442.2
170	82	82	34.13	27.47	36.0	0.109	1442.3
180	82	82	34.13	27.47	35.1	0.113	1442.4
190	82	82	34.13	27.47	34.2	0.117	1442.5
200	82	82	34.13	27.47	33.3	0.121	1442.6



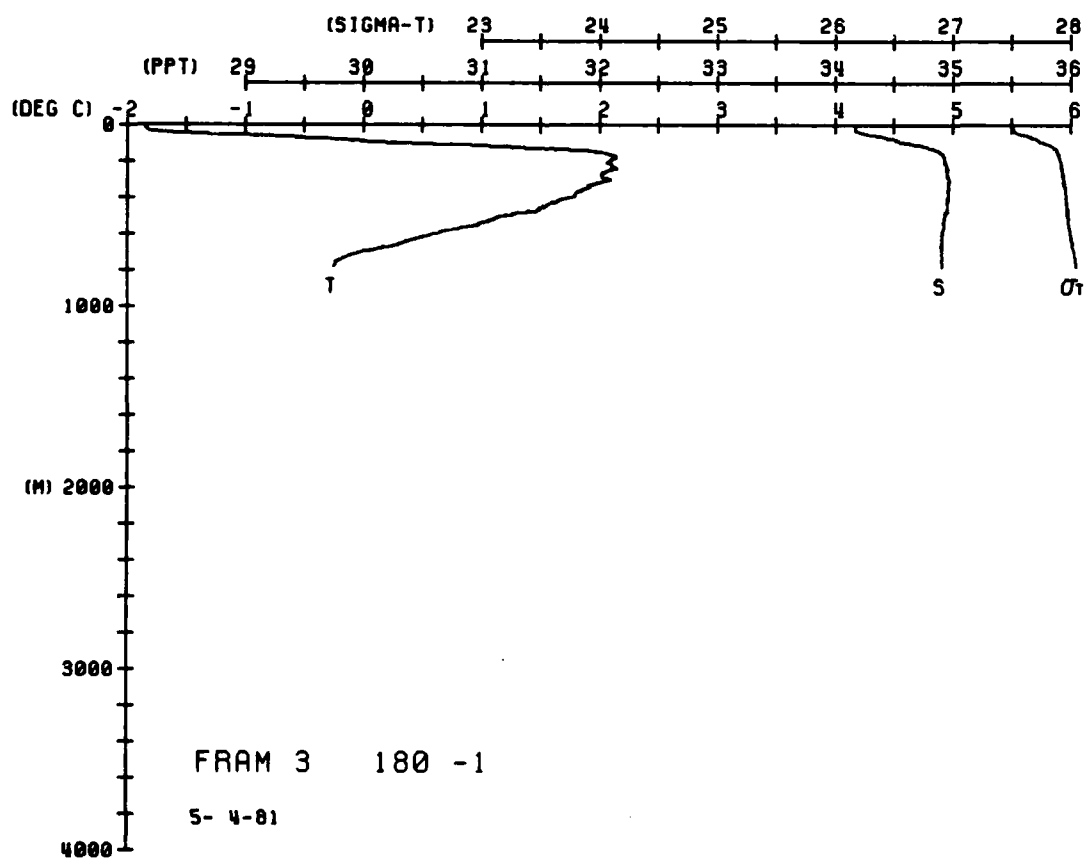
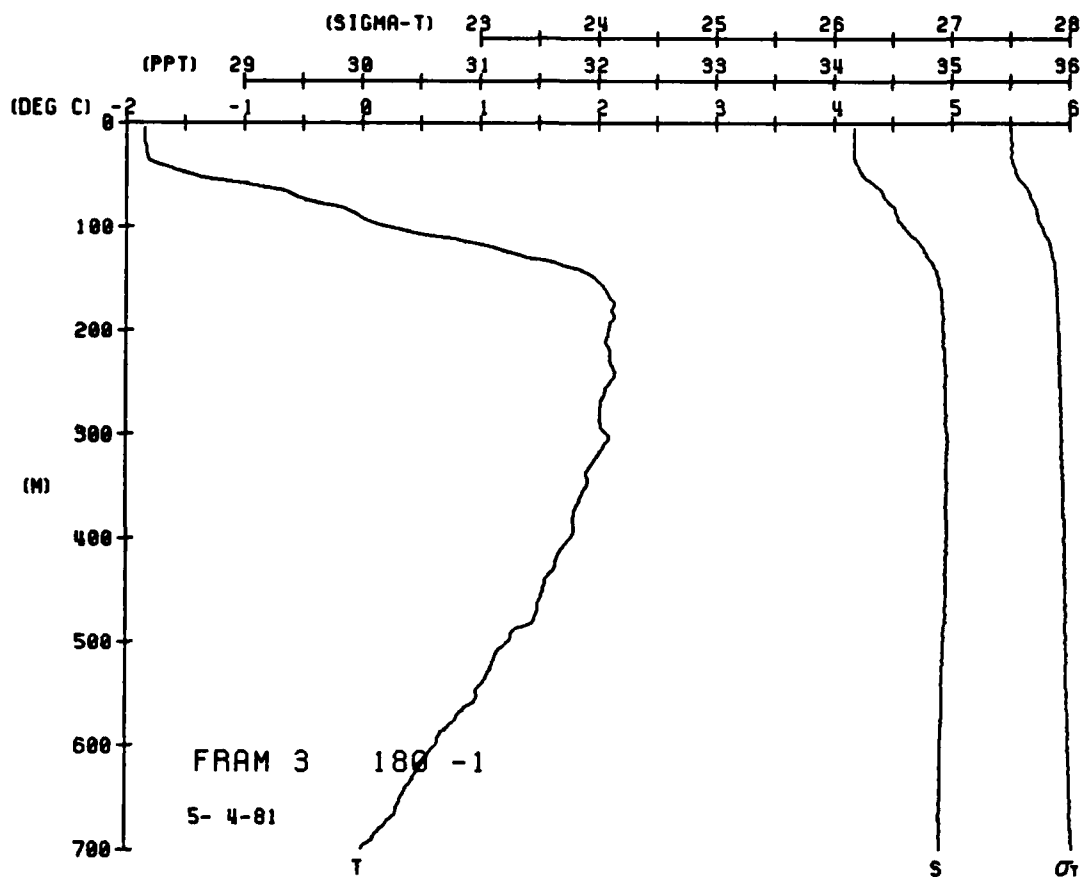
FROM 3 STATION 179(1) CTU 4/MAY/1981 1457 GMT CODE = 5
 LAT = 81.4000N LNG = 3.4950E LTER = 300 LGH = 300
 AIR TEMP = 0.0 HARUM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYMET	SOUND
0.0	85.5	1.85	34.2	27.00	48.4	0.000	1439.7
0.5	85.5	1.85	34.2	27.00	48.4	0.002	1439.8
1.0	85.5	1.85	34.2	27.00	48.4	0.005	1439.9
1.5	85.5	1.85	34.2	27.00	48.4	0.010	1439.9
2.0	85.5	1.85	34.2	27.00	48.4	0.012	1440.0
2.5	85.5	1.85	34.2	27.00	48.4	0.015	1440.2
3.0	85.5	1.85	34.2	27.00	48.4	0.017	1440.3
3.5	85.5	1.85	34.2	27.00	48.4	0.020	1440.4
4.0	85.5	1.85	34.2	27.00	48.4	0.022	1440.5
4.5	85.5	1.85	34.2	27.00	48.4	0.024	1440.6
5.0	85.5	1.85	34.2	27.00	48.4	0.027	1440.9
5.5	85.5	1.85	34.2	27.00	48.4	0.029	1441.3
6.0	85.5	1.85	34.2	27.00	48.4	0.032	1442.0
6.5	85.5	1.85	34.2	27.00	48.4	0.034	1444.2
7.0	85.5	1.85	34.2	27.00	48.4	0.036	1446.9
7.5	85.5	1.85	34.2	27.00	48.4	0.038	1449.1
8.0	85.5	1.85	34.2	27.00	48.4	0.040	1450.7
8.5	85.5	1.85	34.2	27.00	48.4	0.042	1451.8
9.0	85.5	1.85	34.2	27.00	48.4	0.044	1452.8
9.5	85.5	1.85	34.2	27.00	48.4	0.046	1453.5
10.0	85.5	1.85	34.2	27.00	48.4	0.049	1455.4
11.0	85.5	1.85	34.2	27.00	48.4	0.051	1457.6
12.0	85.5	1.85	34.2	27.00	48.4	0.053	1460.4
13.0	85.5	1.85	34.2	27.00	48.4	0.055	1461.3
14.0	85.5	1.85	34.2	27.00	48.4	0.057	1461.5
15.0	85.5	1.85	34.2	27.00	48.4	0.061	1462.0
16.0	85.5	1.85	34.2	27.00	48.4	0.066	1462.2
17.0	85.5	1.85	34.2	27.00	48.4	0.067	1462.3
18.0	85.5	1.85	34.2	27.00	48.4	0.069	1462.5
19.0	85.5	1.85	34.2	27.00	48.4	0.071	1462.7
20.0	85.5	1.85	34.2	27.00	48.4	0.073	1462.9
21.0	85.5	1.85	34.2	27.00	48.4	0.075	1463.0
22.0	85.5	1.85	34.2	27.00	48.4	0.076	1463.0
23.0	85.5	1.85	34.2	27.00	48.4	0.078	1463.1
24.0	85.5	1.85	34.2	27.00	48.4	0.079	1463.1
25.0	85.5	1.85	34.2	27.00	48.4	0.081	1463.3
26.0	85.5	1.85	34.2	27.00	48.4	0.083	1463.3
27.0	85.5	1.85	34.2	27.00	48.4	0.085	1463.3
28.0	85.5	1.85	34.2	27.00	48.4	0.087	1463.3
29.0	85.5	1.85	34.2	27.00	48.4	0.089	1463.3
30.0	85.5	1.85	34.2	27.00	48.4	0.091	1463.3
31.0	85.5	1.85	34.2	27.00	48.4	0.093	1463.3
32.0	85.5	1.85	34.2	27.00	48.4	0.095	1463.3
33.0	85.5	1.85	34.2	27.00	48.4	0.097	1463.3
34.0	85.5	1.85	34.2	27.00	48.4	0.099	1463.3
35.0	85.5	1.85	34.2	27.00	48.4	0.101	1463.3
36.0	85.5	1.85	34.2	27.00	48.4	0.103	1463.3
37.0	85.5	1.85	34.2	27.00	48.4	0.105	1463.3
38.0	85.5	1.85	34.2	27.00	48.4	0.107	1463.3
39.0	85.5	1.85	34.2	27.00	48.4	0.109	1463.3
40.0	85.5	1.85	34.2	27.00	48.4	0.111	1463.3
41.0	85.5	1.85	34.2	27.00	48.4	0.113	1463.3
42.0	85.5	1.85	34.2	27.00	48.4	0.115	1463.3
43.0	85.5	1.85	34.2	27.00	48.4	0.117	1463.3
44.0	85.5	1.85	34.2	27.00	48.4	0.119	1463.3
45.0	85.5	1.85	34.2	27.00	48.4	0.121	1463.3
46.0	85.5	1.85	34.2	27.00	48.4	0.123	1463.3
47.0	85.5	1.85	34.2	27.00	48.4	0.125	1463.3
48.0	85.5	1.85	34.2	27.00	48.4	0.127	1463.3
49.0	85.5	1.85	34.2	27.00	48.4	0.129	1463.3
50.0	85.5	1.85	34.2	27.00	48.4	0.131	1463.3



FRAM 3 STATION 180(1) CTU 4/MAY/1981 2013 GMT CUDR = 5
 LAT = 81.7753N LMG = 4.1732E LTER = 30.0 UGR = 30.0
 AIR TEMP = 0.0 HAKIM = 0.0 WIND = 0.0 SPEED = 0.0

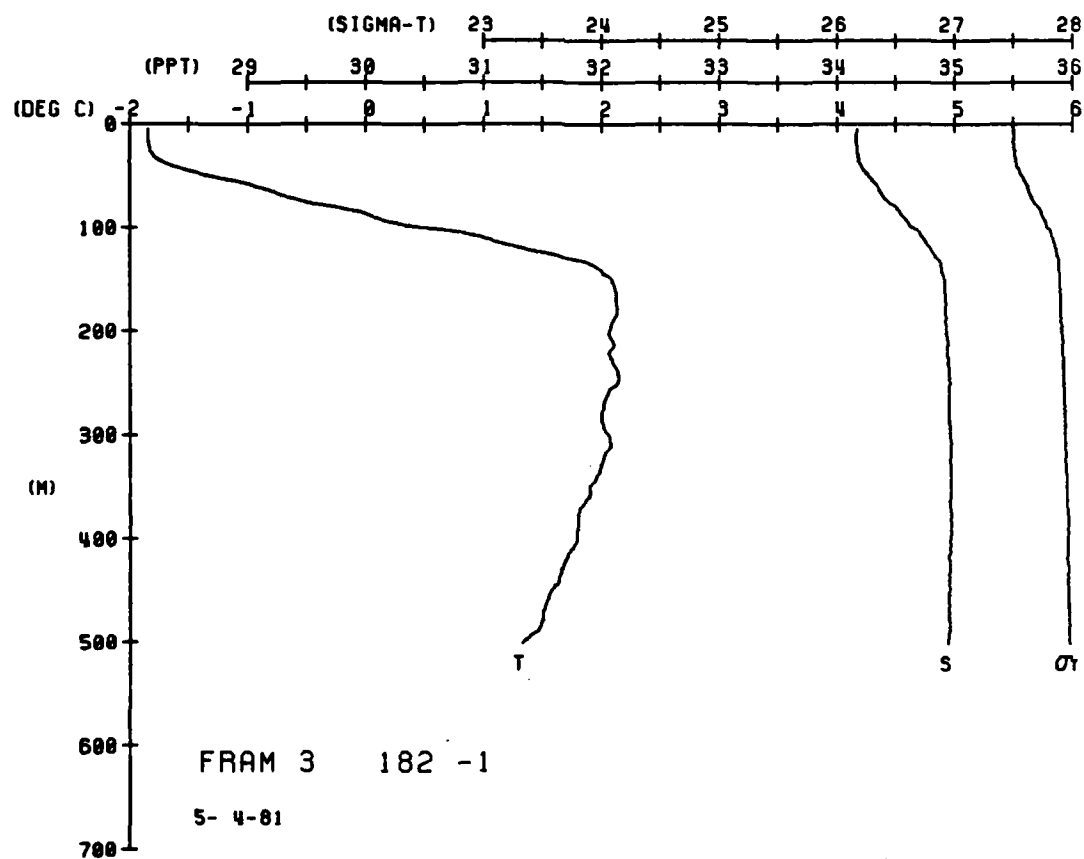
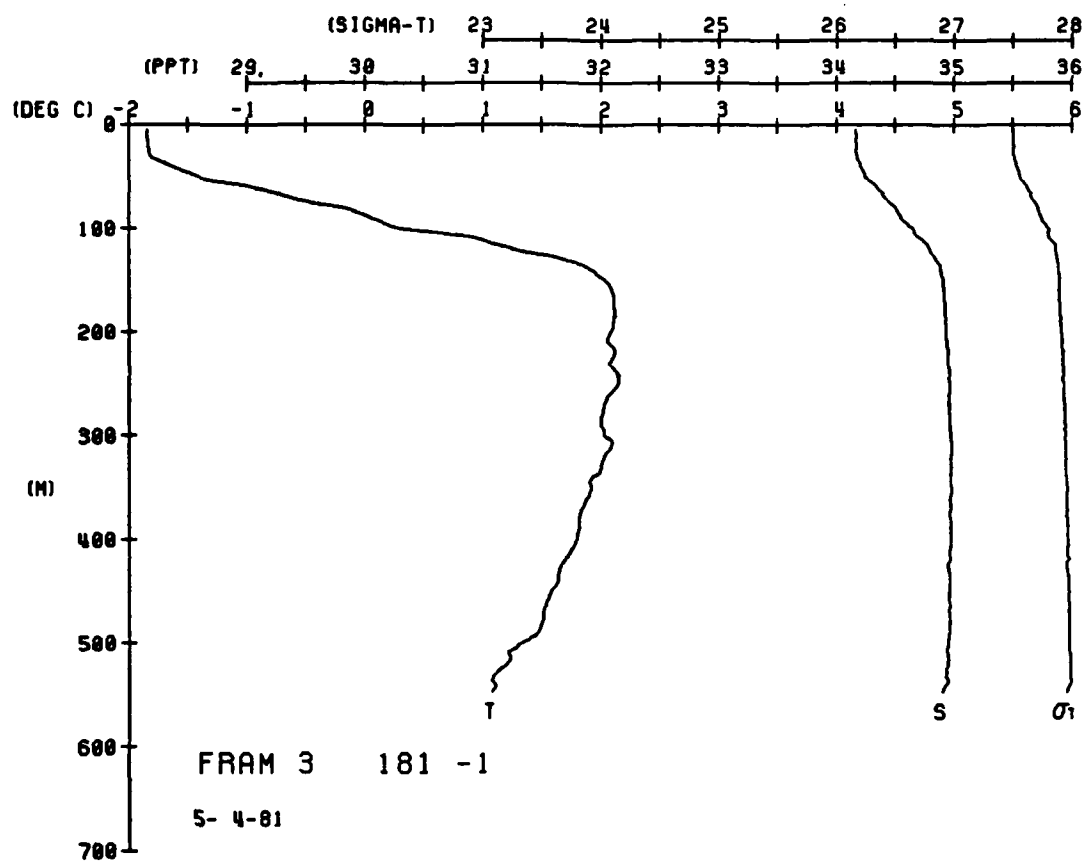
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNT	SOUND
0	85	85	34.17	27.51	56.5	0.000	1439.5	710.0	-0.07	-0.10	34.91	28.03	6.6	0.143	1460.7
0	85	85	34.17	27.51	56.4	0.002	1439.6	740.0	-0.18	-0.21	34.91	28.04	7.9	0.145	1460.7
0	85	85	34.17	27.51	56.3	0.003	1439.7	786.0	-0.27	-0.30	34.91	28.05		0.147	1461.0
0	85	85	34.17	27.51	56.2	0.004	1439.8								
0	85	85	34.17	27.51	56.1	0.005	1439.9								
0	85	85	34.17	27.51	56.0	0.006	1440.0								
0	85	85	34.17	27.51	55.9	0.007	1440.1								
0	85	85	34.17	27.51	55.8	0.008	1440.2								
0	85	85	34.17	27.51	55.7	0.009	1440.3								
0	85	85	34.17	27.51	55.6	0.010	1440.4								
0	85	85	34.17	27.51	55.5	0.011	1440.5								
0	85	85	34.17	27.51	55.4	0.012	1440.6								
0	85	85	34.17	27.51	55.3	0.013	1440.7								
0	85	85	34.17	27.51	55.2	0.014	1440.8								
0	85	85	34.17	27.51	55.1	0.015	1440.9								
0	85	85	34.17	27.51	55.0	0.016	1441.0								
0	85	85	34.17	27.51	54.9	0.017	1441.1								
0	85	85	34.17	27.51	54.8	0.018	1441.2								
0	85	85	34.17	27.51	54.7	0.019	1441.3								
0	85	85	34.17	27.51	54.6	0.020	1441.4								
0	85	85	34.17	27.51	54.5	0.021	1441.5								
0	85	85	34.17	27.51	54.4	0.022	1441.6								
0	85	85	34.17	27.51	54.3	0.023	1441.7								
0	85	85	34.17	27.51	54.2	0.024	1441.8								
0	85	85	34.17	27.51	54.1	0.025	1441.9								
0	85	85	34.17	27.51	54.0	0.026	1442.0								
0	85	85	34.17	27.51	53.9	0.027	1442.1								
0	85	85	34.17	27.51	53.8	0.028	1442.2								
0	85	85	34.17	27.51	53.7	0.029	1442.3								
0	85	85	34.17	27.51	53.6	0.030	1442.4								
0	85	85	34.17	27.51	53.5	0.031	1442.5								
0	85	85	34.17	27.51	53.4	0.032	1442.6								
0	85	85	34.17	27.51	53.3	0.033	1442.7								
0	85	85	34.17	27.51	53.2	0.034	1442.8								
0	85	85	34.17	27.51	53.1	0.035	1442.9								
0	85	85	34.17	27.51	53.0	0.036	1443.0								
0	85	85	34.17	27.51	52.9	0.037	1443.1								
0	85	85	34.17	27.51	52.8	0.038	1443.2								
0	85	85	34.17	27.51	52.7	0.039	1443.3								
0	85	85	34.17	27.51	52.6	0.040	1443.4								
0	85	85	34.17	27.51	52.5	0.041	1443.5								
0	85	85	34.17	27.51	52.4	0.042	1443.6								
0	85	85	34.17	27.51	52.3	0.043	1443.7								
0	85	85	34.17	27.51	52.2	0.044	1443.8								
0	85	85	34.17	27.51	52.1	0.045	1443.9								
0	85	85	34.17	27.51	52.0	0.046	1444.0								
0	85	85	34.17	27.51	51.9	0.047	1444.1								
0	85	85	34.17	27.51	51.8	0.048	1444.2								
0	85	85	34.17	27.51	51.7	0.049	1444.3								
0	85	85	34.17	27.51	51.6	0.050	1444.4								
0	85	85	34.17	27.51	51.5	0.051	1444.5								
0	85	85	34.17	27.51	51.4	0.052	1444.6								
0	85	85	34.17	27.51	51.3	0.053	1444.7								
0	85	85	34.17	27.51	51.2	0.054	1444.8								
0	85	85	34.17	27.51	51.1	0.055	1444.9								
0	85	85	34.17	27.51	51.0	0.056	1445.0								
0	85	85	34.17	27.51	50.9	0.057	1445.1								
0	85	85	34.17	27.51	50.8	0.058	1445.2								
0	85	85	34.17	27.51	50.7	0.059	1445.3								
0	85	85	34.17	27.51	50.6	0.060	1445.4								
0	85	85	34.17	27.51	50.5	0.061	1445.5								
0	85	85	34.17	27.51	50.4	0.062	1445.6								
0	85	85	34.17	27.51	50.3	0.063	1445.7								
0	85	85	34.17	27.51	50.2	0.064	1445.8								
0	85	85	34.17	27.51	50.1	0.065	1445.9								
0	85	85	34.17	27.51	50.0	0.066	1446.0								
0	85	85	34.17	27.51	49.9	0.067	1446.1								
0	85	85	34.17	27.51	49.8	0.068	1446.2								
0	85	85	34.17	27.51	49.7	0.069	1446.3								
0	85	85	34.17	27.51	49.6	0.070	1446.4								
0	85	85	34.17	27.51	49.5	0.071	1446.5								
0	85	85	34.17	27.51	49.4	0.072	1446.6								
0	85	85	34.17	27.51	49.3	0.073	1446.7								
0	85	85	34.17	27.51	49.2	0.074	1446.8								
0	85	85	34.17	27.51	49.1	0.075	1446.9								
0	85	85	34.17	27.51	49.0	0.076	1447.0								
0	85	85	34.17	27.51	48.9	0.077	1447.1								
0	85	85	34.17	27.51	48.8	0.078	1447.2								
0	85	85	34.17	27.51	48.7	0.079	1447.3								
0	85	85	34.17	27.51	48.6	0.080	1447.4								
0	85	85	34.17	27.51	48.5	0.081	1447.5								
0	85	85	34.17	27.51	48.4	0.082	1447.6								
0	85	85	34.17	27.51	48.3	0.083	1447.7								
0	85	85	34.17	27.51	48.2	0.084	1447.8								
0	85	85	34.17	27.51	48.1	0.085	1447.9								
0	85	85	34.17	27.51	48.0	0.086	1448.0								
0	85	85	34.17	27.51	47.9	0.087	1448.1								
0	85	85	34.17	27.51	47.8	0.088	1448.2								
0	85	85	34.17	27.51	47.7	0.089	1448.3								
0	85	85	34.17	27.51	47.6	0.090	1448.4								
0	85	85	34.17	27.51	47.5	0.091	1448.5								
0	85	85	34.17	27.51	47.4	0.092	1448.6								
0	85	85	34.17	27.51	47.3	0.093	1448.7								
0	85	85	34.17	27.51	47.2	0.094	1448.8								
0	85	85	34.17	27.51	47.1	0.095	1448.9								
0	85	85	34.17	27.51	47.0	0.096	1449.0								
0	85	85	34.17	27.51	46.9	0.097	1449.1								
0	85	85	34.17	27.51	46.8	0.098	1449.2								
0	85	85	34.17	27.51	46.7	0.099	1449.3								
0	85	85	34.17	27.51	46.6	0.100	1449.4								
0	85	85	34.17	27.51	46.5	0.101	1449.5								
0	85	85	34.17	27.51	46.4	0.102	1449.6								
0	85	85	34.17	27.51	46.3	0.103	1449.7								
0	85	85	34.17	27.51	46.2	0.104	1449.8								
0	85	85	34.17	27.51	46.1	0.105	1449.9								
0	85	85	34.17	27.51	46.0	0.106	1450.0								
0	85	85	34.17	27.51	45.9	0.107	1450.1								
0	85	85	34.17	27.51	45.8	0.108	1450.2								
0	85	85	34.17	27.51	45.7	0.109	1450.3								
0	85	85	34.17	27.51	45.6	0.110	1450.4								
0	85	85	34.17	27.51	45.5	0.111	1450.5								
0	85	85	34.17	27.51	45.4	0.112	1450.6								



FRAM 3 STATION 1H2(1) CTU 4/MAY/1981 2148 GMT CODE = 5
LAT = 81.7737N LNC = 4.1552E LTRN = 30. LGEM = 30
RAIN TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	85	-1.85	34.17	27.51	56.4	0.000	1439.0
5	84	-1.84	34.17	27.51	56.4	0.002	1439.0
10	84	-1.84	34.17	27.51	56.4	0.006	1439.0
15	84	-1.84	34.17	27.51	56.4	0.011	1439.0
20	83	-1.83	34.19	27.51	56.6	0.017	1440.2
25	82	-1.82	34.23	27.52	55.3	0.023	1441.9
30	81	-1.81	34.25	27.54	55.3	0.028	1441.9
35	81	-1.81	34.25	27.55	55.2	0.031	1442.5
40	81	-1.81	34.25	27.56	54.8	0.033	1443.5
45	80	-1.80	34.29	27.52	54.8	0.035	1444.4
50	79	-1.79	34.33	27.51	54.4	0.037	1445.7
55	78	-1.78	34.41	27.60	54.4	0.039	1446.7
60	77	-1.77	34.45	27.69	54.4	0.041	1447.0
65	76	-1.76	34.51	27.72	35.0	0.043	1449.8
70	75	-1.75	34.53	27.74	35.0	0.045	1449.8
75	75	-1.75	34.55	27.74	34.3	0.047	1450.4
80	75	-1.75	34.55	27.74	34.3	0.048	1451.0
85	75	-1.75	34.55	27.74	34.3	0.051	1451.0
90	75	-1.75	34.55	27.74	34.3	0.053	1455.0
95	75	-1.75	34.55	27.74	34.3	0.056	1456.0
100	75	-1.75	34.55	27.74	34.3	0.058	1458.8
105	75	-1.75	34.55	27.74	34.3	0.062	1460.1
110	75	-1.75	34.55	27.74	34.3	0.064	1461.5
115	75	-1.75	34.55	27.74	34.3	0.066	1461.5
120	75	-1.75	34.55	27.74	34.3	0.068	1461.5
125	75	-1.75	34.55	27.74	34.3	0.070	1461.5
130	75	-1.75	34.55	27.74	34.3	0.072	1462.0
135	75	-1.75	34.55	27.74	34.3	0.074	1462.0
140	75	-1.75	34.55	27.74	34.3	0.076	1462.3
145	75	-1.75	34.55	27.74	34.3	0.078	1462.8
150	75	-1.75	34.55	27.74	34.3	0.081	1463.8
155	75	-1.75	34.55	27.74	34.3	0.085	1463.9
160	75	-1.75	34.55	27.74	34.3	0.087	1463.9
165	75	-1.75	34.55	27.74	34.3	0.089	1463.9
170	75	-1.75	34.55	27.74	34.3	0.091	1463.9
175	75	-1.75	34.55	27.74	34.3	0.093	1463.9
180	75	-1.75	34.55	27.74	34.3	0.095	1463.9
185	75	-1.75	34.55	27.74	34.3	0.097	1463.9
190	75	-1.75	34.55	27.74	34.3	0.100	1463.9
195	75	-1.75	34.55	27.74	34.3	0.101	1463.9
200	75	-1.75	34.55	27.74	34.3	0.103	1463.9
205	75	-1.75	34.55	27.74	34.3	0.106	1463.9
210	75	-1.75	34.55	27.74	34.3	0.109	1463.9
215	75	-1.75	34.55	27.74	34.3	0.112	1463.9
220	75	-1.75	34.55	27.74	34.3	0.115	1463.9
225	75	-1.75	34.55	27.74	34.3	0.118	1463.9
230	75	-1.75	34.55	27.74	34.3	0.121	1463.9
235	75	-1.75	34.55	27.74	34.3	0.125	1463.9
240	75	-1.75	34.55	27.74	34.3	0.128	1463.9
245	75	-1.75	34.55	27.74	34.3	0.131	1463.9
250	75	-1.75	34.55	27.74	34.3	0.135	1463.9
255	75	-1.75	34.55	27.74	34.3	0.138	1463.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	1.85	-1.85	34.17	27.51	56.5	0.002	1439.5
4	1.85	-1.85	34.17	27.51	56.5	0.003	1439.5
8	1.84	-1.84	34.17	27.51	56.7	0.006	1439.7
15	1.84	-1.84	34.18	27.51	56.6	0.009	1439.8
25	1.82	-1.82	34.19	27.51	55.9	0.014	1440.1
30	1.74	-1.74	34.21	27.53	55.3	0.023	1440.6
35	1.65	-1.65	34.24	27.53	54.9	0.025	1441.2
40	1.49	-1.49	34.27	27.53	52.1	0.028	1442.1
45	1.33	-1.33	34.31	27.53	47.6	0.030	1444.2
55	1.09	-1.09	34.35	27.64	45.0	0.033	1446.1
65	0.93	-0.93	34.38	27.64	44.0	0.035	1445.9
70	0.68	-0.68	34.44	27.68	42.2	0.039	1446.3
75	0.53	-0.53	34.44	27.72	40.2	0.041	1447.3
80	0.34	-0.34	34.54	27.74	36.9	0.043	1449.9
85	0.07	-0.07	34.57	27.76	32.9	0.045	1450.3
90	0.22	0.22	34.61	27.78	31.4	0.046	1450.5
95	0.50	0.50	34.65	27.80	29.9	0.048	1451.8
110	1.01	1.01	34.74	27.86	23.5	0.051	1452.3
112	1.33	1.33	34.80	27.86	23.5	0.053	1455.3
114	1.74	1.74	34.87	27.89	21.6	0.055	1459.2
115	2.09	2.09	34.90	27.89	21.1	0.058	1459.2
116	2.13	2.13	34.92	27.90	20.3	0.062	1461.0
117	2.13	2.13	34.93	27.90	20.3	0.064	1461.5
118	2.13	2.13	34.93	27.91	20.4	0.068	1461.7
119	2.13	2.13	34.93	27.91	19.2	0.068	1461.8
120	2.07	2.07	34.93	27.92	19.5	0.072	1462.1
122	2.07	2.07	34.95	27.92	18.9	0.074	1462.1
123	2.07	2.07	34.95	27.93	18.4	0.076	1462.4
124	2.14	2.14	34.96	27.93	18.2	0.077	1462.5
125	2.14	2.14	34.96	27.93	18.1	0.079	1462.7
126	2.02	2.02	34.96	27.93	18.1	0.081	1462.8
127	2.02	2.02	34.96	27.94	17.5	0.083	1462.9
128	2.02	2.02	34.96	27.94	17.5	0.085	1462.8
129	2.07	2.07	34.97	27.94	17.1	0.086	1463.1
130	2.07	2.07	34.97	27.94	17.1	0.089	1463.5
131	2.04	2.04	34.97	27.94	16.6	0.092	1463.7
132	2.00	2.00	34.97	27.95	16.6	0.093	1463.7
133	2.00	2.00	34.97	27.95	16.2	0.095	1463.7
134	1.96	1.96	34.97	27.95	16.0	0.097	1463.6
135	1.89	1.89	34.97	27.96	15.5	0.098	1463.7
136	1.80	1.80	34.97	27.96	15.5	0.100	1463.8
137	1.74	1.74	34.97	27.97	15.2	0.103	1463.9
138	1.72	1.72	34.97	27.97	15.2	0.105	1463.9
139	1.68	1.68	34.97	27.96	15.2	0.108	1463.9
140	1.64	1.64	34.96	27.97	14.5	0.109	1463.8
141	1.62	1.62	34.96	27.97	15.0	0.111	1463.9
142	1.55	1.55	34.96	27.97	14.4	0.112	1463.8
143	1.54	1.54	34.96	27.97	14.4	0.115	1463.9
144	1.43	1.43	34.96	27.98	13.5	0.116	1463.5
145	1.43	1.43	34.96	27.98	13.5	0.119	146

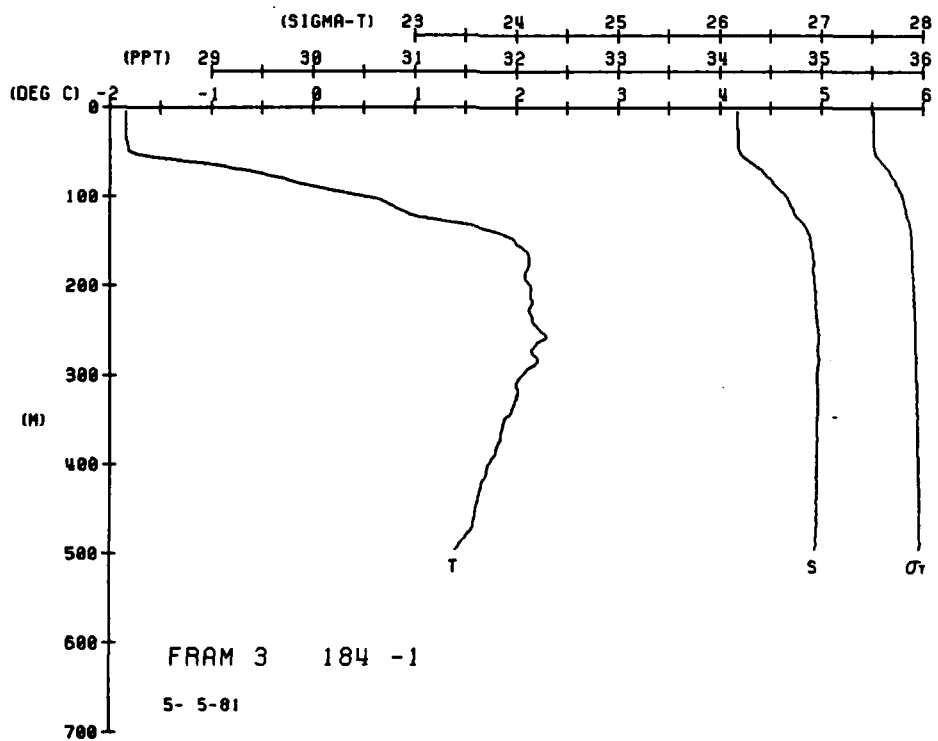
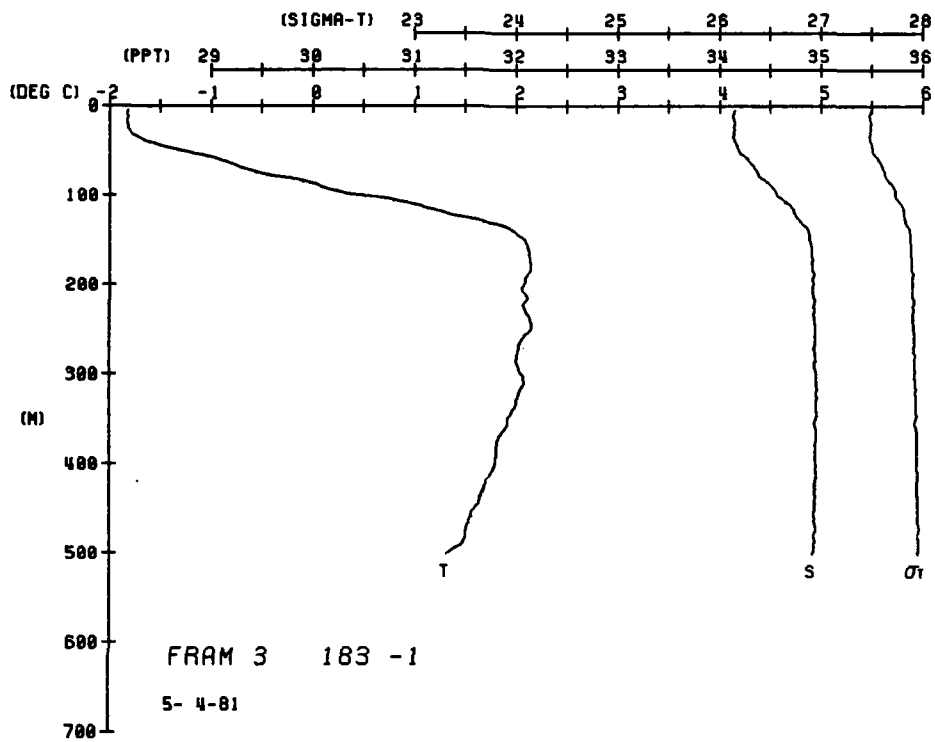


FRAM 3 STATION 193(1) CTD 4/MAY/1981 2149 GMT CODE = 5
 LA1 = 81.7576N LMG = 30. LGEM = 30.
 AIR TEMP = 0.0 WIND = 0.0

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYNMI	SOUND
0.0	18.2	-1.82	34.15	27.49	58.4	0.000	1439.7
1.0	18.2	-1.82	34.15	27.49	58.4	0.002	1439.7
2.0	18.2	-1.82	34.15	27.49	58.4	0.006	1439.7
3.0	18.2	-1.82	34.15	27.49	58.4	0.009	1439.7
4.0	18.2	-1.82	34.15	27.49	58.4	0.014	1439.7
5.0	18.2	-1.82	34.15	27.49	58.4	0.017	1439.7
6.0	18.2	-1.82	34.15	27.49	58.4	0.021	1439.7
7.0	18.2	-1.82	34.15	27.49	58.4	0.024	1439.7
8.0	18.2	-1.82	34.15	27.49	58.4	0.029	1439.7
9.0	18.2	-1.82	34.15	27.49	58.4	0.032	1439.7
10.0	18.2	-1.82	34.15	27.49	58.4	0.037	1439.7
11.0	18.2	-1.82	34.15	27.49	58.4	0.042	1439.7
12.0	18.2	-1.82	34.15	27.49	58.4	0.044	1439.7
13.0	18.2	-1.82	34.15	27.49	58.4	0.046	1439.7
14.0	18.2	-1.82	34.15	27.49	58.4	0.048	1439.7
15.0	18.2	-1.82	34.15	27.49	58.4	0.052	1439.7
16.0	18.2	-1.82	34.15	27.49	58.4	0.054	1439.7
17.0	18.2	-1.82	34.15	27.49	58.4	0.056	1439.7
18.0	18.2	-1.82	34.15	27.49	58.4	0.061	1439.7
19.0	18.2	-1.82	34.15	27.49	58.4	0.063	1439.7
20.0	18.2	-1.82	34.15	27.49	58.4	0.068	1439.7
21.0	18.2	-1.82	34.15	27.49	58.4	0.072	1439.7
22.0	18.2	-1.82	34.15	27.49	58.4	0.074	1439.7
23.0	18.2	-1.82	34.15	27.49	58.4	0.076	1439.7
24.0	18.2	-1.82	34.15	27.49	58.4	0.078	1439.7
25.0	18.2	-1.82	34.15	27.49	58.4	0.082	1439.7
26.0	18.2	-1.82	34.15	27.49	58.4	0.086	1439.7
27.0	18.2	-1.82	34.15	27.49	58.4	0.088	1439.7
28.0	18.2	-1.82	34.15	27.49	58.4	0.092	1439.7
29.0	18.2	-1.82	34.15	27.49	58.4	0.094	1439.7
30.0	18.2	-1.82	34.15	27.49	58.4	0.096	1439.7
31.0	18.2	-1.82	34.15	27.49	58.4	0.098	1439.7
32.0	18.2	-1.82	34.15	27.49	58.4	0.099	1439.7
33.0	18.2	-1.82	34.15	27.49	58.4	0.101	1439.7
34.0	18.2	-1.82	34.15	27.49	58.4	0.103	1439.7
35.0	18.2	-1.82	34.15	27.49	58.4	0.105	1439.7
36.0	18.2	-1.82	34.15	27.49	58.4	0.108	1439.7
37.0	18.2	-1.82	34.15	27.49	58.4	0.110	1439.7
38.0	18.2	-1.82	34.15	27.49	58.4	0.112	1439.7
39.0	18.2	-1.82	34.15	27.49	58.4	0.113	1439.7
40.0	18.2	-1.82	34.15	27.49	58.4	0.115	1439.7
41.0	18.2	-1.82	34.15	27.49	58.4	0.117	1439.7
42.0	18.2	-1.82	34.15	27.49	58.4	0.118	1439.7
43.0	18.2	-1.82	34.15	27.49	58.4	0.120	1439.7
44.0	18.2	-1.82	34.15	27.49	58.4	0.122	1439.7
45.0	18.2	-1.82	34.15	27.49	58.4	0.123	1439.7
46.0	18.2	-1.82	34.15	27.49	58.4	0.125	1439.7
47.0	18.2	-1.82	34.15	27.49	58.4	0.126	1439.7
48.0	18.2	-1.82	34.15	27.49	58.4	0.128	1439.7
49.0	18.2	-1.82	34.15	27.49	58.4	0.129	1439.7
50.0	18.2	-1.82	34.15	27.49	58.4	0.130	1439.7

FRAM 3 STATION 194(1) CTD 5/MAY/1981 1629 GMT CODE = 5
 LA1 = 81.7576N LMG = 30. LGEM = 30.
 AIR TEMP = 0.0 WIND = 0.0

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYNMI	SOUND
0.0	18.5	-1.85	34.18	27.51	56.1	0.000	1439.6
1.0	18.5	-1.85	34.18	27.51	56.1	0.002	1439.6
2.0	18.5	-1.85	34.18	27.51	56.1	0.006	1439.6
3.0	18.5	-1.85	34.18	27.51	56.1	0.009	1439.6
4.0	18.5	-1.85	34.18	27.51	56.1	0.014	1439.6
5.0	18.5	-1.85	34.18	27.51	56.1	0.017	1439.6
6.0	18.5	-1.85	34.18	27.51	56.1	0.021	1439.6
7.0	18.5	-1.85	34.18	27.51	56.1	0.024	1439.6
8.0	18.5	-1.85	34.18	27.51	56.1	0.028	1439.6
9.0	18.5	-1.85	34.18	27.51	56.1	0.031	1439.6
10.0	18.5	-1.85	34.18	27.51	56.1	0.033	1439.6
11.0	18.5	-1.85	34.18	27.51	56.1	0.036	1439.6
12.0	18.5	-1.85	34.18	27.51	56.1	0.040	1439.6
13.0	18.5	-1.85	34.18	27.51	56.1	0.044	1439.6
14.0	18.5	-1.85	34.18	27.51	56.1	0.045	1439.6
15.0	18.5	-1.85	34.18	27.51	56.1	0.049	1439.6
16.0	18.5	-1.85	34.18	27.51	56.1	0.051	1439.6
17.0	18.5	-1.85	34.18	27.51	56.1	0.054	1439.6
18.0	18.5	-1.85	34.18	27.51	56.1	0.056	1439.6
19.0	18.5	-1.85	34.18	27.51	56.1	0.059	1439.6
20.0	18.5	-1.85	34.18	27.51	56.1	0.061	1439.6
21.0	18.5	-1.85	34.18	27.51	56.1	0.065	1439.6
22.0	18.5	-1.85	34.18	27.51	56.1	0.069	1439.6
23.0	18.5	-1.85	34.18	27.51	56.1	0.071	1439.6
24.0	18.5	-1.85	34.18	27.51	56.1	0.073	1439.6
25.0	18.5	-1.85	34.18	27.51	56.1	0.075	1439.6
26.0	18.5	-1.85	34.18	27.51	56.1	0.078	1439.6
27.0	18.5	-1.85	34.18	27.51	56.1	0.082	1439.6
28.0	18.5	-1.85	34.18	27.51	56.1	0.084	1439.6
29.0	18.5	-1.85	34.18	27.51	56.1	0.085	1439.6
30.0	18.5	-1.85	34.18	27.51	56.1	0.089	1439.6
31.0	18.5	-1.85	34.18	27.51	56.1	0.091	1439.6
32.0	18.5	-1.85	34.18	27.51	56.1	0.092	1439.6
33.0	18.5	-1.85	34.18	27.51	56.1	0.094	1439.6
34.0	18.5	-1.85	34.18	27.51	56.1	0.096	1439.6
35.0	18.5	-1.85	34.18	27.51	56.1	0.097	1439.6
36.0	18.5	-1.85	34.18	27.51	56.1	0.099	1439.6
37.0	18.5	-1.85	34.18	27.51	56.1	0.102	1439.6
38.0	18.5	-1.85	34.18	27.51	56.1	0.104	1439.6
39.0	18.5	-1.85	34.18	27.51	56.1	0.105	1439.6
40.0	18.5	-1.85	34.18	27.51	56.1	0.107	1439.6
41.0	18.5	-1.85	34.18	27.51	56.1	0.108	1439.6
42.0	18.5	-1.85	34.18	27.51	56.1	0.110	1439.6
43.0	18.5	-1.85	34.18	27.51	56.1	0.111	1439.6
44.0	18.5	-1.85	34.18	27.51	56.1	0.113	1439.6
45.0	18.5	-1.85	34.18	27.51	56.1	0.114	1439.6
46.0	18.5	-1.85	34.18	27.51	56.1	0.116	1439.6
47.0	18.5	-1.85	34.18	27.51	56.1	0.117	1439.6
48.0	18.5	-1.85	34.18	27.51	56.1	0.119	1439.6
49.0	18.5	-1.85	34.18	27.51	56.1	0.121	1439.6
50.0	18.5	-1.85	34.18	27.51	56.1	0.122	1439.6

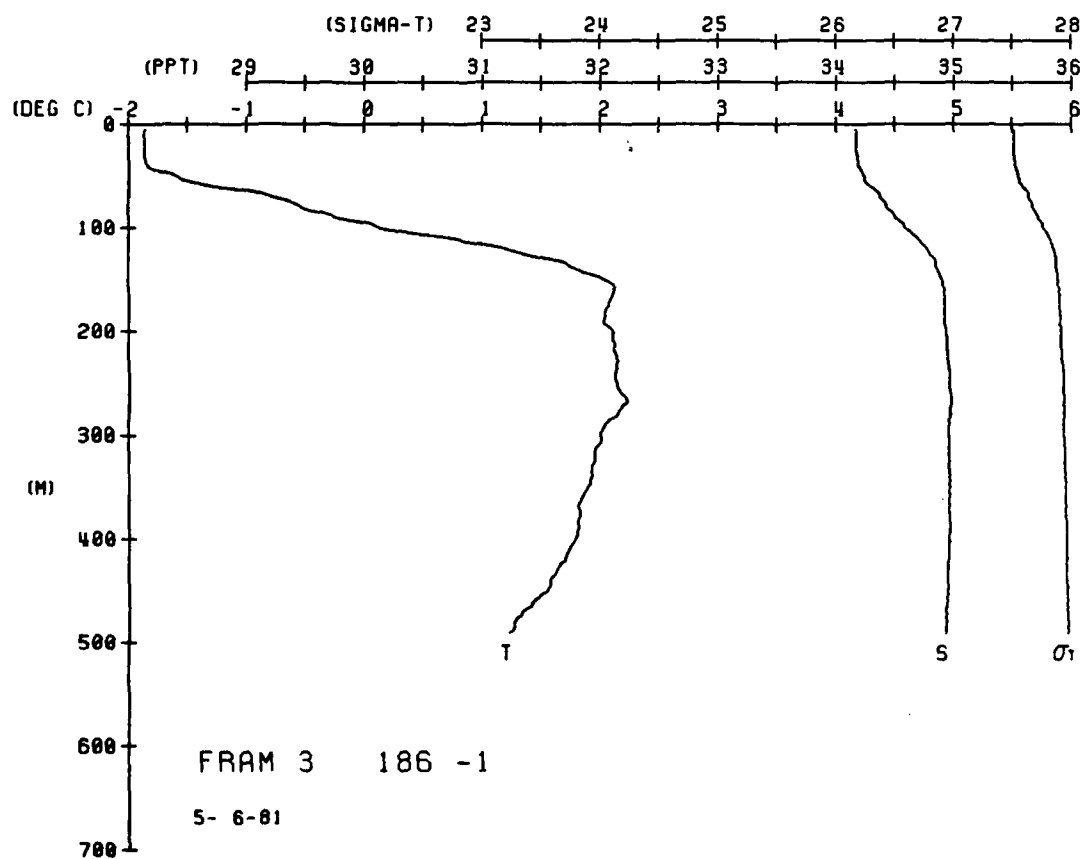
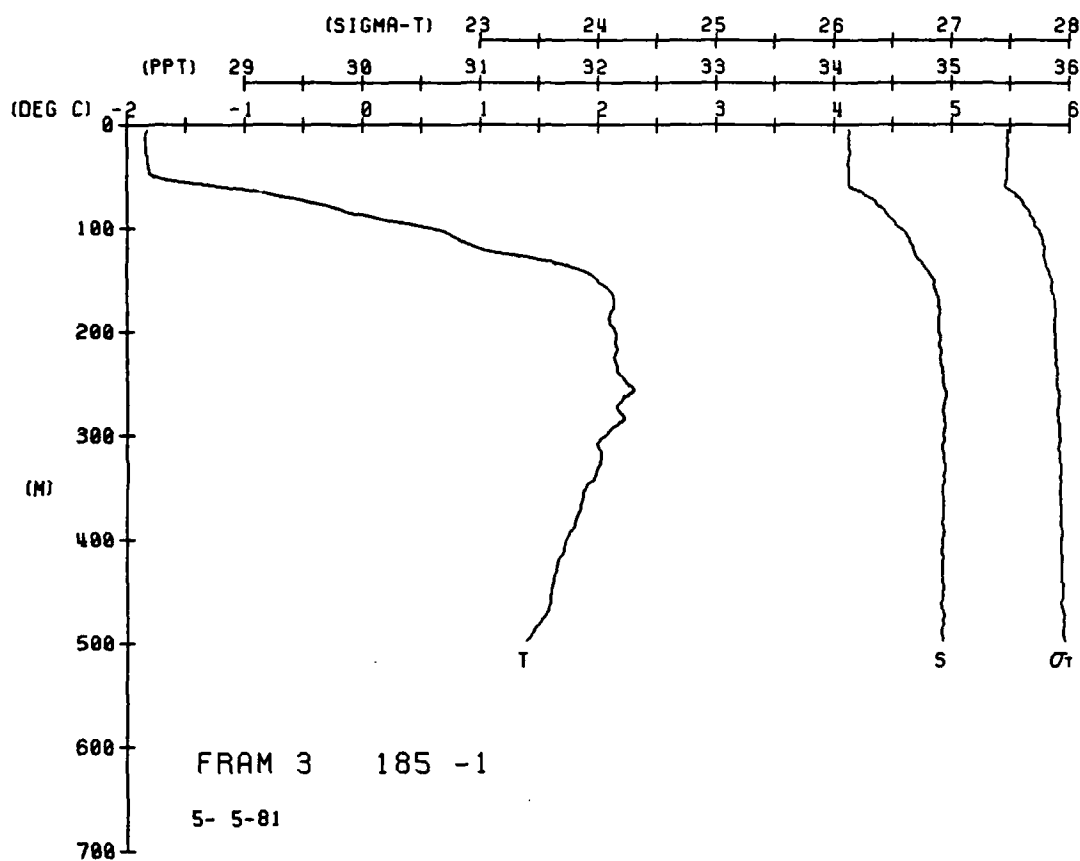


FRAM 3 STATION 185(1) CTD 5/MAY/1981 1632 GMT CODE = 5
LAT = 41.7578N LNG = 30.0 WIND = 0.0
AIR TEMP = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYMT	SOUND
0	8.3	8.3	34.13	27.47	0.000	0.000	1439.5
5	8.3	8.3	34.13	27.47	0.002	0.002	1439.5
10	8.3	8.3	34.13	27.47	0.006	0.006	1439.5
15	8.3	8.3	34.13	27.47	0.009	0.009	1439.5
20	8.3	8.3	34.13	27.47	0.012	0.012	1439.5
25	8.3	8.3	34.13	27.47	0.016	0.016	1439.5
30	8.3	8.3	34.13	27.47	0.024	0.024	1439.5
35	8.3	8.3	34.13	27.47	0.030	0.030	1439.5
40	8.3	8.3	34.13	27.47	0.033	0.033	1439.5
45	8.3	8.3	34.13	27.47	0.036	0.036	1439.5
50	8.3	8.3	34.13	27.47	0.039	0.039	1439.5
55	8.3	8.3	34.13	27.47	0.042	0.042	1439.5
60	8.3	8.3	34.13	27.47	0.047	0.047	1439.5
65	8.3	8.3	34.13	27.47	0.051	0.051	1439.5
70	8.3	8.3	34.13	27.47	0.055	0.055	1439.5
75	8.3	8.3	34.13	27.47	0.058	0.058	1439.5
80	8.3	8.3	34.13	27.47	0.062	0.062	1439.5
85	8.3	8.3	34.13	27.47	0.065	0.065	1439.5
90	8.3	8.3	34.13	27.47	0.068	0.068	1439.5
95	8.3	8.3	34.13	27.47	0.071	0.071	1439.5
100	8.3	8.3	34.13	27.47	0.074	0.074	1439.5
105	8.3	8.3	34.13	27.47	0.077	0.077	1439.5
110	8.3	8.3	34.13	27.47	0.080	0.080	1439.5
115	8.3	8.3	34.13	27.47	0.083	0.083	1439.5
120	8.3	8.3	34.13	27.47	0.086	0.086	1439.5
125	8.3	8.3	34.13	27.47	0.089	0.089	1439.5
130	8.3	8.3	34.13	27.47	0.092	0.092	1439.5
135	8.3	8.3	34.13	27.47	0.095	0.095	1439.5
140	8.3	8.3	34.13	27.47	0.098	0.098	1439.5
145	8.3	8.3	34.13	27.47	0.101	0.101	1439.5
150	8.3	8.3	34.13	27.47	0.104	0.104	1439.5
155	8.3	8.3	34.13	27.47	0.107	0.107	1439.5
160	8.3	8.3	34.13	27.47	0.110	0.110	1439.5
165	8.3	8.3	34.13	27.47	0.113	0.113	1439.5
170	8.3	8.3	34.13	27.47	0.116	0.116	1439.5
175	8.3	8.3	34.13	27.47	0.119	0.119	1439.5
180	8.3	8.3	34.13	27.47	0.122	0.122	1439.5
185	8.3	8.3	34.13	27.47	0.125	0.125	1439.5
190	8.3	8.3	34.13	27.47	0.128	0.128	1439.5
195	8.3	8.3	34.13	27.47	0.131	0.131	1439.5
200	8.3	8.3	34.13	27.47	0.134	0.134	1439.5
205	8.3	8.3	34.13	27.47	0.137	0.137	1439.5
210	8.3	8.3	34.13	27.47	0.140	0.140	1439.5
215	8.3	8.3	34.13	27.47	0.143	0.143	1439.5
220	8.3	8.3	34.13	27.47	0.146	0.146	1439.5
225	8.3	8.3	34.13	27.47	0.149	0.149	1439.5
230	8.3	8.3	34.13	27.47	0.152	0.152	1439.5
235	8.3	8.3	34.13	27.47	0.155	0.155	1439.5
240	8.3	8.3	34.13	27.47	0.158	0.158	1439.5
245	8.3	8.3	34.13	27.47	0.161	0.161	1439.5
250	8.3	8.3	34.13	27.47	0.164	0.164	1439.5
255	8.3	8.3	34.13	27.47	0.167	0.167	1439.5
260	8.3	8.3	34.13	27.47	0.170	0.170	1439.5
265	8.3	8.3	34.13	27.47	0.173	0.173	1439.5
270	8.3	8.3	34.13	27.47	0.176	0.176	1439.5
275	8.3	8.3	34.13	27.47	0.179	0.179	1439.5
280	8.3	8.3	34.13	27.47	0.182	0.182	1439.5
285	8.3	8.3	34.13	27.47	0.185	0.185	1439.5
290	8.3	8.3	34.13	27.47	0.188	0.188	1439.5
295	8.3	8.3	34.13	27.47	0.191	0.191	1439.5
300	8.3	8.3	34.13	27.47	0.194	0.194	1439.5
305	8.3	8.3	34.13	27.47	0.197	0.197	1439.5
310	8.3	8.3	34.13	27.47	0.200	0.200	1439.5
315	8.3	8.3	34.13	27.47	0.203	0.203	1439.5
320	8.3	8.3	34.13	27.47	0.206	0.206	1439.5
325	8.3	8.3	34.13	27.47	0.209	0.209	1439.5
330	8.3	8.3	34.13	27.47	0.212	0.212	1439.5
335	8.3	8.3	34.13	27.47	0.215	0.215	1439.5
340	8.3	8.3	34.13	27.47	0.218	0.218	1439.5
345	8.3	8.3	34.13	27.47	0.221	0.221	1439.5
350	8.3	8.3	34.13	27.47	0.224	0.224	1439.5
355	8.3	8.3	34.13	27.47	0.227	0.227	1439.5
360	8.3	8.3	34.13	27.47	0.230	0.230	1439.5
365	8.3	8.3	34.13	27.47	0.233	0.233	1439.5
370	8.3	8.3	34.13	27.47	0.236	0.236	1439.5
375	8.3	8.3	34.13	27.47	0.239	0.239	1439.5
380	8.3	8.3	34.13	27.47	0.242	0.242	1439.5
385	8.3	8.3	34.13	27.47	0.245	0.245	1439.5
390	8.3	8.3	34.13	27.47	0.248	0.248	1439.5
395	8.3	8.3	34.13	27.47	0.251	0.251	1439.5
400	8.3	8.3	34.13	27.47	0.254	0.254	1439.5
405	8.3	8.3	34.13	27.47	0.257	0.257	1439.5
410	8.3	8.3	34.13	27.47	0.260	0.260	1439.5
415	8.3	8.3	34.13	27.47	0.263	0.263	1439.5
420	8.3	8.3	34.13	27.47	0.266	0.266	1439.5
425	8.3	8.3	34.13	27.47	0.269	0.269	1439.5
430	8.3	8.3	34.13	27.47	0.272	0.272	1439.5
435	8.3	8.3	34.13	27.47	0.275	0.275	1439.5
440	8.3	8.3	34.13	27.47	0.278	0.278	1439.5
445	8.3	8.3	34.13	27.47	0.281	0.281	1439.5
450	8.3	8.3	34.13	27.47	0.284	0.284	1439.5
455	8.3	8.3	34.13	27.47	0.287	0.287	1439.5
460	8.3	8.3	34.13	27.47	0.290	0.290	1439.5
465	8.3	8.3	34.13	27.47	0.293	0.293	1439.5
470	8.3	8.3	34.13	27.47	0.296	0.296	1439.5
475	8.3	8.3	34.13	27.47	0.299	0.299	1439.5
480	8.3	8.3	34.13	27.47	0.302	0.302	1439.5
485	8.3	8.3	34.13	27.47	0.305	0.305	1439.5
490	8.3	8.3	34.13	27.47	0.308	0.308	1439.5
495	8.3	8.3	34.13	27.47	0.311	0.311	1439.5
500	8.3	8.3	34.13	27.47	0.314	0.314	1439.5

FRAM 3 STATION 186(1) CTD 6/MAY/1981 3.7743E LTRH = 30.0
LAT = 41.7430N LNG = 30.0 WIND = 0.0
AIR TEMP = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYMT	SOUND
0	8.6	8.6	34.17	27.51	0.000	0.000	1439.5
5	8.6	8.6	34.17	27.51	0.003	0.003	1439.5
10	8.6	8.6	34.17	27.51	0.006	0.006	1439.5
15	8.6	8.6	34.17	27.51	0.009	0.009	1439.5
20	8.6	8.6	34.17	27.51	0.014	0.014	1439.5
25	8.6	8.6	34.17	27.51	0.017	0.017	1439.5
30	8.6	8.6	34.17	27.51	0.023	0.023	1439.5
35	8.6	8.6	34.17	27.51	0.028	0.028	1439.5
40	8.6	8.6	34.17	27.51	0.033	0.033	1439.5
45	8.6	8.6	34.17	27.51	0.038	0.038	1439.5
50	8.6	8.6	34.17	27.51	0.043	0.043	1439.5
55	8.6	8.6	34.17	27.51	0.048	0.048	1439.5
60	8.6	8.6	34.17	27.51	0.053	0.053	1439.5
65	8.6	8.6	34.17	27.51	0.058	0.058	1439.5
70	8.6	8.6	34.17	27.51	0.063	0.063	1439.5
75	8.6	8.6	34.17	27.51	0.068	0.068	1439.5
80	8.6	8.6	34.17	27.51	0.073	0.073	1439.5
85	8.6	8.6	34.17	27.51	0.078	0.078	1439.5
90	8.6	8.6	34.17	27.51	0.083	0.083	1439.5
95	8.6	8.6	34.17	27.51	0.088	0.088	1439.5
100	8.6	8.6	34.17	27.51	0.093	0.093	1439.5
105	8.6	8.6	34.17	27.51	0.098	0.098	1439.5
110	8.6	8.6	34.17	27.51	0.103	0.103	1439.5
115	8.6	8.6	34.17	27.51	0.108	0.108	1439.5
120	8.6	8.6	34.17	27.51	0.113	0.113	1439.5
125	8.6	8.6	34.17	27.51	0.118	0.118	1439.5
130	8.6	8.6	34.17	27.51	0.123	0.123	1439.5
135	8.6	8.6	34.17	27.51	0.128	0.128	1439.5
140	8.6	8.6	34.17	27.51	0.133	0.133	1439.5
145	8.6	8.6	34.17	27.51	0.138	0.138	1439.5
150	8.6	8.6	34.17	27.51	0.143	0.143	1439.5
155	8.6	8.6	34.17	27.51	0.148	0.148	1439.5
160	8.6	8.6	34.17	27.51	0.153	0.153	1439.5
165	8.6	8.6	34.17	27.51	0.158	0.158	1439.5
170	8.6	8.6	34.17	27.51	0.163	0.163	1439.5
175	8.6	8.6	34.17	27.51	0.168	0.168	1439.5
180	8.6	8.6	34.17	27.51	0.173	0.173	1439.5
185	8.6	8.6	34.17	27.51	0.178	0.178	1439.5
190	8.6	8.6	34.17	27.51	0.183	0.183	1439.5
195	8.6	8.6	34.17	27.51	0.188	0.188	1439.5
200	8.6	8.6	34.17	27.51	0.193	0.193	1439.5
205	8.6	8.6	34.17	27.51	0.198	0.198	1439.5
210	8.6	8.6	34.17	27.51	0.203	0.203	1439.5
215	8.6	8.6	34.17	27.51	0.208	0.208	1439.5
220	8.6	8.6	34.17	27.51	0.213	0.213	1439.5
225	8.6	8.6	34.17	27.51	0.218	0.218	1439.5
230	8.6	8.6	34.17	27.51	0.223	0.223	1439.5
235	8.6	8.6	34.17	27.51	0.228	0.228	1439.5
240	8.6	8.6	34.17	27.51	0.233	0.233	1439.5
245	8.6	8.6	34.17	27.51	0.238	0.238	1439.5
250	8.6	8.6	34.17	27.51	0.243	0.243	1439.5
255	8.6	8.					

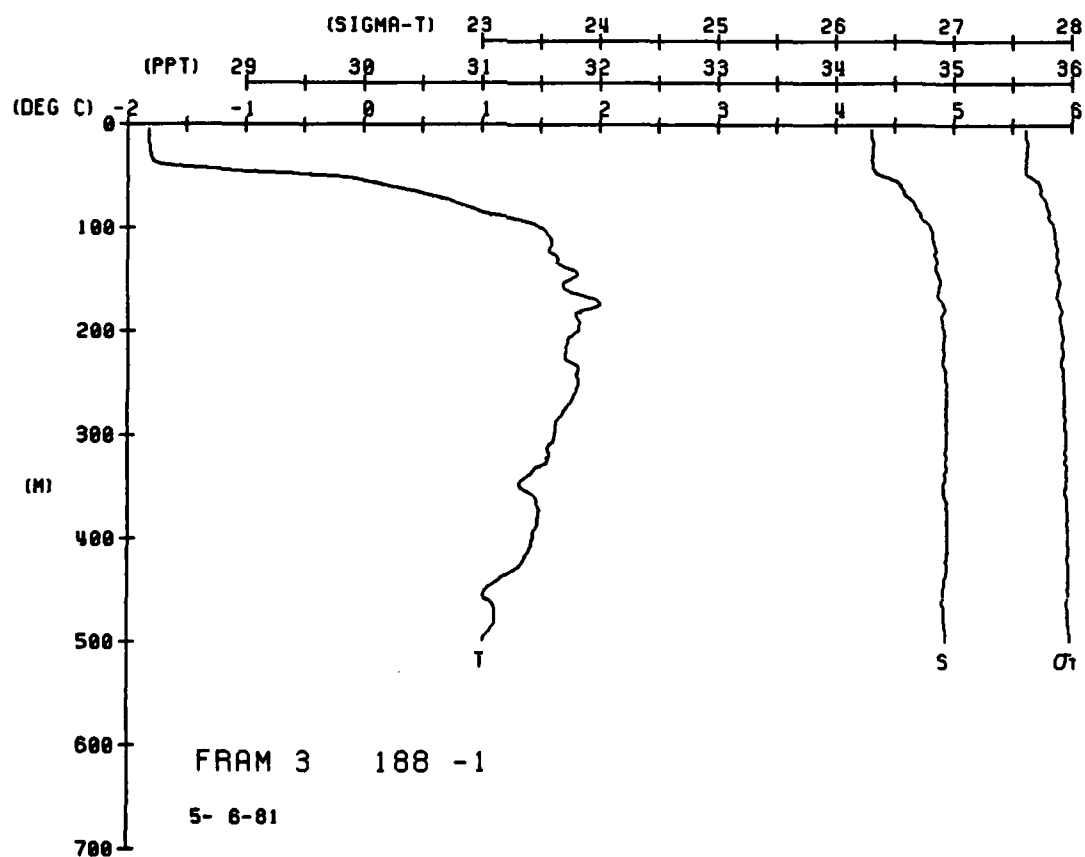
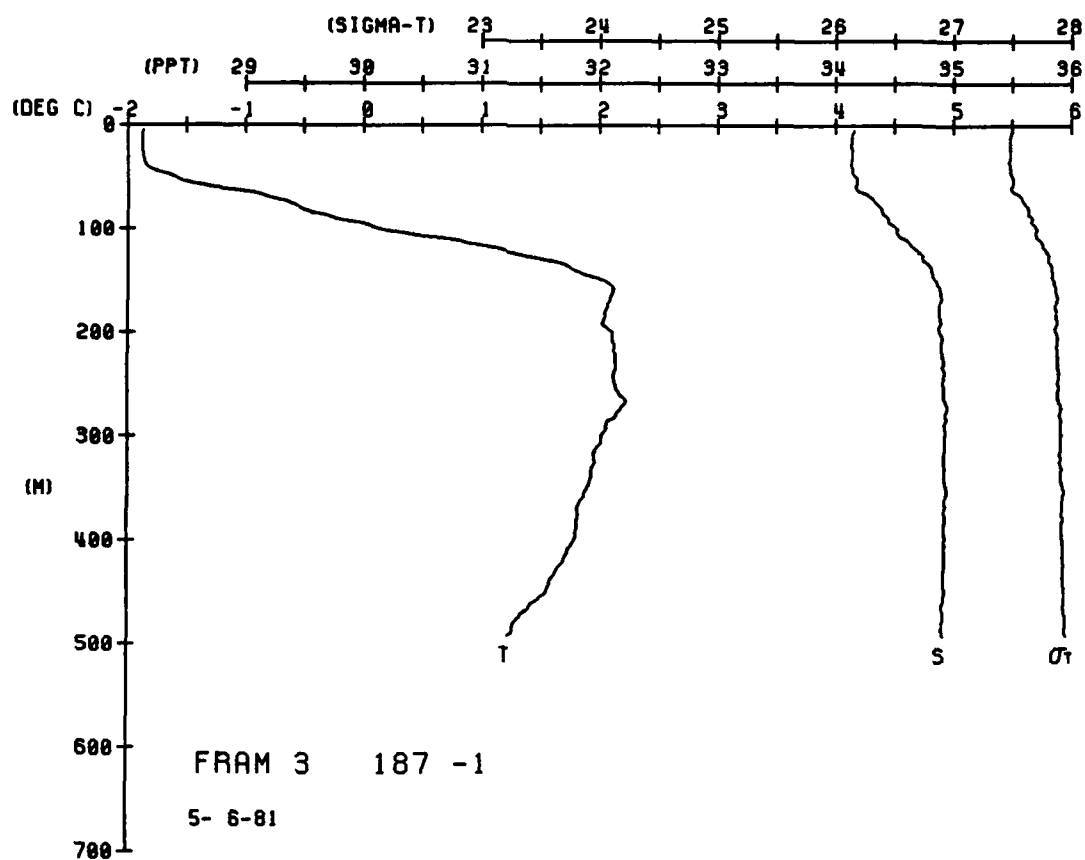


FRAM 3 STATION 187(1) CTU 6/MAY/1981 912 GMT CODE = 5
LAT = 81.7430N LNG = 30.0 LCKR = 30.0
AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNT	SOUND
0	86	1.86	34.10	27.50	57.5	0.000	1439.5
5	87	1.87	34.10	27.50	57.5	0.002	1439.5
10	87	1.87	34.10	27.50	57.5	0.006	1439.5
15	87	1.87	34.10	27.50	57.5	0.012	1439.5
20	87	1.87	34.10	27.50	57.5	0.018	1439.5
25	87	1.87	34.10	27.50	57.5	0.024	1439.5
30	87	1.87	34.10	27.50	57.5	0.030	1439.5
35	87	1.87	34.10	27.50	57.5	0.036	1439.5
40	87	1.87	34.10	27.50	57.5	0.042	1439.5
45	87	1.87	34.10	27.50	57.5	0.048	1439.5
50	87	1.87	34.10	27.50	57.5	0.054	1439.5
55	87	1.87	34.10	27.50	57.5	0.060	1439.5
60	87	1.87	34.10	27.50	57.5	0.066	1439.5
65	87	1.87	34.10	27.50	57.5	0.072	1439.5
70	87	1.87	34.10	27.50	57.5	0.078	1439.5
75	87	1.87	34.10	27.50	57.5	0.084	1439.5
80	87	1.87	34.10	27.50	57.5	0.090	1439.5
85	87	1.87	34.10	27.50	57.5	0.096	1439.5
90	87	1.87	34.10	27.50	57.5	0.102	1439.5
95	87	1.87	34.10	27.50	57.5	0.108	1439.5
100	87	1.87	34.10	27.50	57.5	0.114	1439.5
105	87	1.87	34.10	27.50	57.5	0.120	1439.5
110	87	1.87	34.10	27.50	57.5	0.126	1439.5
115	87	1.87	34.10	27.50	57.5	0.132	1439.5
120	87	1.87	34.10	27.50	57.5	0.138	1439.5
125	87	1.87	34.10	27.50	57.5	0.144	1439.5
130	87	1.87	34.10	27.50	57.5	0.150	1439.5
135	87	1.87	34.10	27.50	57.5	0.156	1439.5
140	87	1.87	34.10	27.50	57.5	0.162	1439.5
145	87	1.87	34.10	27.50	57.5	0.168	1439.5
150	87	1.87	34.10	27.50	57.5	0.174	1439.5
155	87	1.87	34.10	27.50	57.5	0.180	1439.5
160	87	1.87	34.10	27.50	57.5	0.186	1439.5
165	87	1.87	34.10	27.50	57.5	0.192	1439.5
170	87	1.87	34.10	27.50	57.5	0.198	1439.5
175	87	1.87	34.10	27.50	57.5	0.204	1439.5
180	87	1.87	34.10	27.50	57.5	0.210	1439.5
185	87	1.87	34.10	27.50	57.5	0.216	1439.5
190	87	1.87	34.10	27.50	57.5	0.222	1439.5
195	87	1.87	34.10	27.50	57.5	0.228	1439.5
200	87	1.87	34.10	27.50	57.5	0.234	1439.5
205	87	1.87	34.10	27.50	57.5	0.240	1439.5
210	87	1.87	34.10	27.50	57.5	0.246	1439.5
215	87	1.87	34.10	27.50	57.5	0.252	1439.5
220	87	1.87	34.10	27.50	57.5	0.258	1439.5
225	87	1.87	34.10	27.50	57.5	0.264	1439.5
230	87	1.87	34.10	27.50	57.5	0.270	1439.5
235	87	1.87	34.10	27.50	57.5	0.276	1439.5
240	87	1.87	34.10	27.50	57.5	0.282	1439.5
245	87	1.87	34.10	27.50	57.5	0.288	1439.5
250	87	1.87	34.10	27.50	57.5	0.294	1439.5
255	87	1.87	34.10	27.50	57.5	0.300	1439.5
260	87	1.87	34.10	27.50	57.5	0.306	1439.5
265	87	1.87	34.10	27.50	57.5	0.312	1439.5
270	87	1.87	34.10	27.50	57.5	0.318	1439.5
275	87	1.87	34.10	27.50	57.5	0.324	1439.5
280	87	1.87	34.10	27.50	57.5	0.330	1439.5
285	87	1.87	34.10	27.50	57.5	0.336	1439.5
290	87	1.87	34.10	27.50	57.5	0.342	1439.5
295	87	1.87	34.10	27.50	57.5	0.348	1439.5
300	87	1.87	34.10	27.50	57.5	0.354	1439.5
305	87	1.87	34.10	27.50	57.5	0.360	1439.5
310	87	1.87	34.10	27.50	57.5	0.366	1439.5
315	87	1.87	34.10	27.50	57.5	0.372	1439.5
320	87	1.87	34.10	27.50	57.5	0.378	1439.5
325	87	1.87	34.10	27.50	57.5	0.384	1439.5
330	87	1.87	34.10	27.50	57.5	0.390	1439.5
335	87	1.87	34.10	27.50	57.5	0.396	1439.5
340	87	1.87	34.10	27.50	57.5	0.402	1439.5
345	87	1.87	34.10	27.50	57.5	0.408	1439.5
350	87	1.87	34.10	27.50	57.5	0.414	1439.5
355	87	1.87	34.10	27.50	57.5	0.420	1439.5
360	87	1.87	34.10	27.50	57.5	0.426	1439.5
365	87	1.87	34.10	27.50	57.5	0.432	1439.5
370	87	1.87	34.10	27.50	57.5	0.438	1439.5
375	87	1.87	34.10	27.50	57.5	0.444	1439.5
380	87	1.87	34.10	27.50	57.5	0.450	1439.5
385	87	1.87	34.10	27.50	57.5	0.456	1439.5
390	87	1.87	34.10	27.50	57.5	0.462	1439.5
395	87	1.87	34.10	27.50	57.5	0.468	1439.5
400	87	1.87	34.10	27.50	57.5	0.474	1439.5
405	87	1.87	34.10	27.50	57.5	0.480	1439.5
410	87	1.87	34.10	27.50	57.5	0.486	1439.5
415	87	1.87	34.10	27.50	57.5	0.492	1439.5
420	87	1.87	34.10	27.50	57.5	0.498	1439.5
425	87	1.87	34.10	27.50	57.5	0.504	1439.5
430	87	1.87	34.10	27.50	57.5	0.510	1439.5
435	87	1.87	34.10	27.50	57.5	0.516	1439.5
440	87	1.87	34.10	27.50	57.5	0.522	1439.5
445	87	1.87	34.10	27.50	57.5	0.528	1439.5
450	87	1.87	34.10	27.50	57.5	0.534	1439.5
455	87	1.87	34.10	27.50	57.5	0.540	1439.5
460	87	1.87	34.10	27.50	57.5	0.546	1439.5
465	87	1.87	34.10	27.50	57.5	0.552	1439.5
470	87	1.87	34.10	27.50	57.5	0.558	1439.5
475	87	1.87	34.10	27.50	57.5	0.564	1439.5
480	87	1.87	34.10	27.50	57.5	0.570	1439.5
485	87	1.87	34.10	27.50	57.5	0.576	1439.5
490	87	1.87	34.10	27.50	57.5	0.582	1439.5
495	87	1.87	34.10	27.50	57.5	0.588	1439.5
500	87	1.87	34.10	27.50	57.5	0.594	1439.5

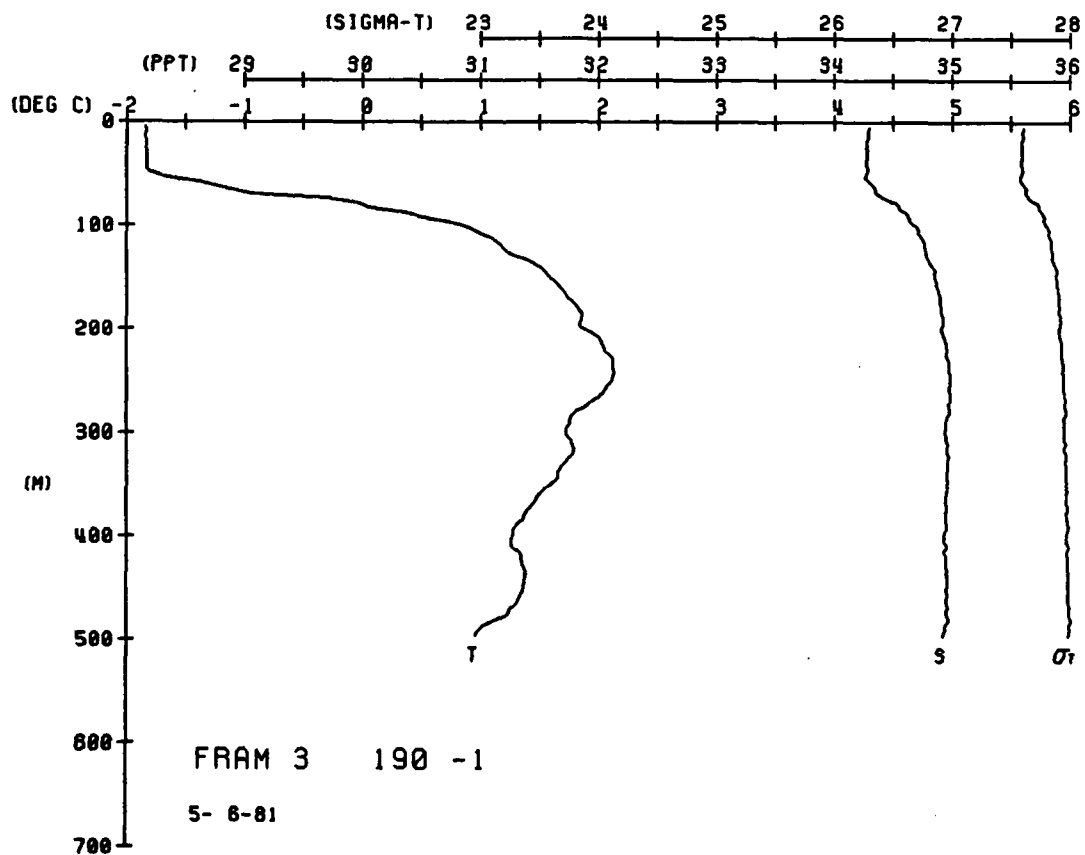
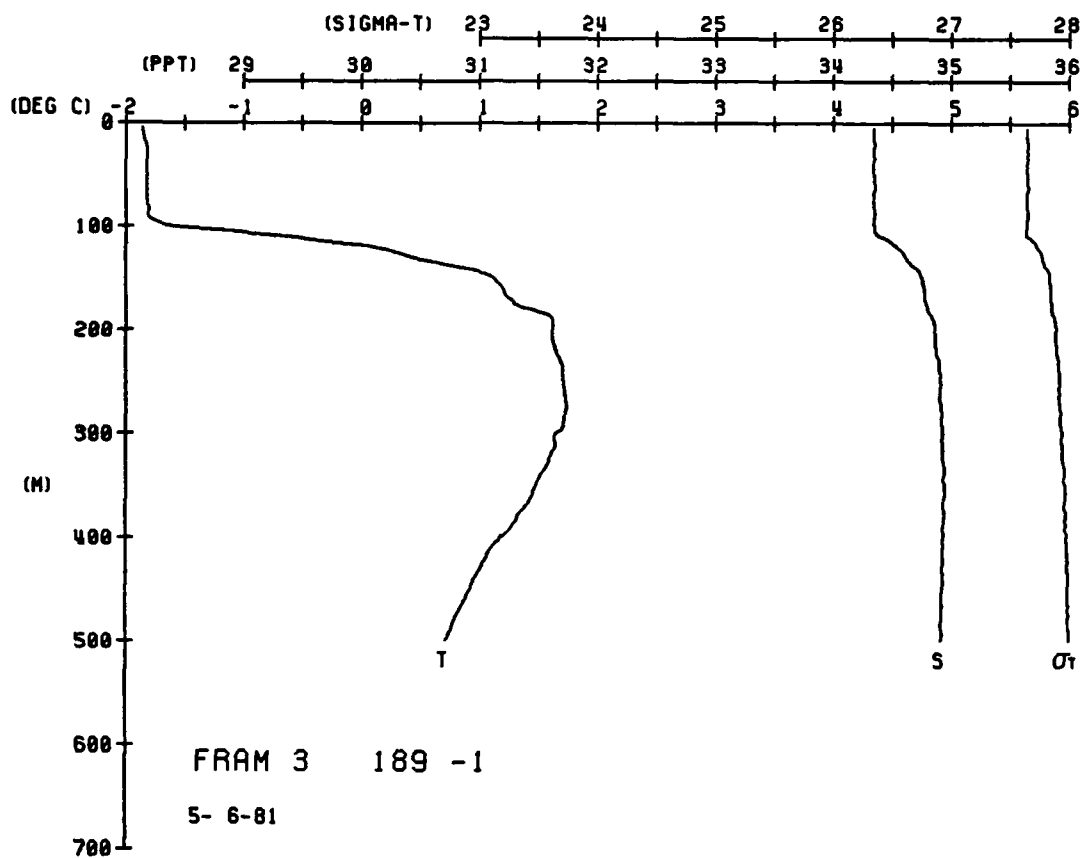
FRAM 3 STATION 188(1) CTU 6/MAY/1981 1417 GMT CODE = 5
LAT = 80.7383N LNG = 6.1817E LTER = 300. LCKR = 300.
AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNT	SOUND
0	82	1.82	34.31	27.62	46.4	0.000	1439.9
5	82	1.82	34.31	27.62	46.3	0.002	1439.9
10	82	1.82	34.32	27.62	46.3	0.005	1440.0
15	82	1.82	34.32	27.63	46.5	0.009	1440.3
20	81	1.81	34.31	27.62	45.5	0.014	1440.6
25	81	1.80	34.31	27.62	45.9	0.019	1441.2
30	79	1.79	34.31	27.62	45.9	0.023	1441.4
35	79	1.79	34.31	27.64	46.3	0.025	1441.7
40	79	1.79	34.31	27.64	46.4	0.027	1441.9
45	80	1.80	34.31	27.74	46.4	0.029	1442.0
50	80	1.80	34.31	27.74	46.4	0.030	1442.1
55	80	1.80	34.31	27.74	46.4	0.032	1442.2
60	80	1.80	34.31	27.74	46.4	0.033	1442.3
65	80	1.80	34.31	27.74	46.4	0.035	1442.4
70	80	1.80	34.31	27.74	46.4	0.036	1442.5
75	80	1.80	34.31	27.74	46.4	0.038	1442.6
80	80	1.80	34.31	27.74	46.4	0.039	1442.7
85	80	1.80	34.31	27.74	46.4	0.041	1442.8
90	80	1.80	34.31	27.74	46.4	0.043	1442.9
95	80	1.80	34.31	27.74	46.4	0.046	1443.0
100	80	1.80	34.31	27.74	46.4	0.048	1443.1
105	80	1.80	34.31	27.74	46.4	0.050	1443.2
110	80	1.80	34.31	27.74	46.4	0.052	1443.3
115	80	1.80	34.31	27.74	46.4	0.054	1443.4
120	80	1.80	34.31	27.74	46.4	0.056	1443.5
125	80	1.80	34.31	27.74	46.4	0.058	1443.6
130	80	1.80	34.31	27.74	46.4	0.061	1443.7
135	80	1.80	34.31	27.74	46.4	0.063	1443.8
140	80	1.80	34.31	27.74	46.4	0.065	1443.9
145	80	1.80	34.31	27.74	46.4	0.067	1444.0
150	80	1.80	34.31	27.74	46.4	0.069	1444.1
155	80	1.80	34.31	27.74	46.4	0.072	1444.2
160	80	1.80	34.31	27.74	46.4	0.074	1444.3
165	80	1.80	34.31	27.74	46.4	0.075	1444.4
170	80	1.80	34.31	27.74	46.4	0.077	1444.5
175	80	1.80	34.31	27.74	46.4	0.078	1444.6
180	80	1.80	34.31	27.74	46.4	0.081	1444.7
185	80	1.80	34.31	27.74	46.4	0.082	1444.8
190	80	1.80	34.31	27.74	46.4	0.084	1444.9
195	80	1.80	34.31	27.74	46.4	0.085	1445.0
200	80	1.80	34.31	27.74	46.4	0.087	1445.1
205	80	1.80	34.31	27.74	46.4	0.088	1445.2
210	80	1.80	34.31	27.74	46.4	0.089	1445.3
215	80	1.80	34.31	27.74	46.4	0.091	1445.4
220	80	1.80	34.31	27.74	46.4	0.094	1445.5
225	80	1.80	34.31	27.74	46.4	0.095	1445.6
230	80	1.80	34.31	27.74	46.4	0.096	1445.7
235	80	1.80	34.31	27.74	46.4	0.098	1445.8
240	80	1.80	34.31	27.74	46.4	0.099	1445.9
245	80	1.80	34.31	27.74	46.4	0.101	1446.0
250	80	1.80	34.31	27.74	46.4	0.103	1446.1
255	80	1.80	34.31	27.74	46.4	0.104	1446.2
260	80	1.80	34.31	27.74	46.4	0.106	1446.3
265	80	1.80	34.31	27.74	46.4	0.108	1446.4
270	80	1.80	34.31	27.74	46.4	0.110	1446.5
275	80	1.80	34.31	27.74	46.4	0.112	1446.6
280	80	1.80	34.31	27.74	46.4	0.114	1446.7
285	80	1.80	34.31	27.74	46.4	0.116	1446.8
290	80	1.80	34.31	27.74	46.4	0.118	1446.9
295	80	1.80	34.31	27.74	46.4	0.120	1447.0
300	80	1.80	34.31	27.74	46.4	0.122	1447.1
305	80	1.80	34.31	27.74	46.4	0.124	1447.2
310	80	1.80	34.31	27.74	46.4	0.126	1447.3
315	80	1.80	34.31	27.74	46.4	0.128	1447.4
320	80	1.80	34.31	27.74	46.4	0.130	1447.5
325	80	1.80	34.31	27.74	46.4	0.132	1447.6
330	80	1.80	34.31	27.74	46.4	0.134	1447.7
335	80	1.80	34.31	27.74	46.4	0.136	1447.8
340	80	1.80	34.31	27.74	46.4	0.138	1447.9
345	80	1.80	34.31	27.74	46.4	0.140	1448.0
350	80	1.80	34.31	27.74	46.4	0.142	1448.1
355	80	1.80	34.31	27.74	46.4	0.144	1448.2
360	80	1.80	34.31	27.74	46.4	0.146	1448.3
365	80	1.80	34.31	27.74	46.4	0.148	1448.4
370	80	1.80	34.31	27.74	46.4	0.150	1448.5
375	80	1.80	34.31	27.74	46.4	0.152	1448.6
380	80	1.80	34.31	27.74	46.4	0.154	1448.7
385	80	1.80	34.31	27.74	46.4	0.156	1448.8
390	80	1.80	34.31	27.74	46.4	0.158	1448.9
395	80	1.80	34.31	27.74	46.4	0.160	1449.0
400	80	1.80	34.31	27.74	46.4	0.162	1449.1
405	80	1.80	34.31	27.74	46.4	0.164	1449.2
410	80	1.80	34.31	27.74	46.4	0.166	1449.3
415	80	1.80	34.31	27.74	46.4	0.168	1449.4
420	80	1.80	34.31	27.74	46.4	0.170	1449.5
425	80	1.80	34.31	27.74	46.4	0.172	1449.6
430	80	1.80	34.31	27.74	46.4	0.174	1449.7
435	80	1.80	34.31	27.74	46.4	0.176	1449.8
440	80	1.80	34.31	27.74	46.4	0.178	1449.9
445	80	1.80	34.31	27.74	46.4	0.180	1450.0
450	80	1.80	34.31	27.74	46.4	0.182	1450.1
455	80	1.80	34.31	27.74	46.4	0.184	1450.2
460	80	1.80	34.31	27.74	46.4	0.186	1450.3
465	80	1.80	34.31	27.74	46.4	0.188	1450.4
470	80	1.80	34.31	27.74	46.4	0.190	1450.5
475	80	1.80	34.31	27.74	46.4	0.192	1450.6
480	80	1.80	34.31	27.74	46.4	0.194	1450.7
485	80	1.80	34.31	27.74	46.4	0.196	1450.8
490	80	1.80	34.31	27.74	46.4	0.198	1450.9
495	80	1.80	34.31	27.74	46.4	0.200	1451.0



FRAM 3 STATION 189(1) CTU 6/MAY/1981 1534 GMT CODE = 5
LAT = 80.7750N LNG = 8.7807E LTER = 300. LGP = 300.
AIR TEMP = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYMET	SOUND
0	6	86	35	22	43	0	1439.7
5	86	86	35	22	43	0	1439.8
10	86	86	35	22	43	0	1439.9
15	86	86	35	22	43	0	1440.0
20	86	86	35	22	43	0	1440.1
25	86	86	35	22	43	0	1440.2
30	86	86	35	22	43	0	1440.3
35	86	86	35	22	43	0	1440.4
40	86	86	35	22	43	0	1440.5
45	86	86	35	22	43	0	1440.6
50	86	86	35	22	43	0	1440.7
55	86	86	35	22	43	0	1440.8
60	86	86	35	22	43	0	1440.9
65	86	86	35	22	43	0	1441.0
70	86	86	35	22	43	0	1441.1
75	86	86	35	22	43	0	1441.2
80	86	86	35	22	43	0	1441.3
85	86	86	35	22	43	0	1441.4
90	86	86	35	22	43	0	1441.5
95	86	86	35	22	43	0	1441.6
100	86	86	35	22	43	0	1441.7
105	86	86	35	22	43	0	1441.8
110	86	86	35	22	43	0	1441.9
115	86	86	35	22	43	0	1442.0
120	86	86	35	22	43	0	1442.1
125	86	86	35	22	43	0	1442.2
130	86	86	35	22	43	0	1442.3
135	86	86	35	22	43	0	1442.4
140	86	86	35	22	43	0	1442.5
145	86	86	35	22	43	0	1442.6
150	86	86	35	22	43	0	1442.7
155	86	86	35	22	43	0	1442.8
160	86	86	35	22	43	0	1442.9
165	86	86	35	22	43	0	1443.0
170	86	86	35	22	43	0	1443.1
175	86	86	35	22	43	0	1443.2
180	86	86	35	22	43	0	1443.3
185	86	86	35	22	43	0	1443.4
190	86	86	35	22	43	0	1443.5
195	86	86	35	22	43	0	1443.6
200	86	86	35	22	43	0	1443.7
205	86	86	35	22	43	0	1443.8
210	86	86	35	22	43	0	1443.9
215	86	86	35	22	43	0	1444.0
220	86	86	35	22	43	0	1444.1
225	86	86	35	22	43	0	1444.2
230	86	86	35	22	43	0	1444.3
235	86	86	35	22	43	0	1444.4
240	86	86	35	22	43	0	1444.5
245	86	86	35	22	43	0	1444.6
250	86	86	35	22	43	0	1444.7
255	86	86	35	22	43	0	1444.8
260	86	86	35	22	43	0	1444.9
265	86	86	35	22	43	0	1445.0
270	86	86	35	22	43	0	1445.1
275	86	86	35	22	43	0	1445.2
280	86	86	35	22	43	0	1445.3
285	86	86	35	22	43	0	1445.4
290	86	86	35	22	43	0	1445.5
295	86	86	35	22	43	0	1445.6
300	86	86	35	22	43	0	1445.7
305	86	86	35	22	43	0	1445.8
310	86	86	35	22	43	0	1445.9
315	86	86	35	22	43	0	1446.0
320	86	86	35	22	43	0	1446.1
325	86	86	35	22	43	0	1446.2
330	86	86	35	22	43	0	1446.3
335	86	86	35	22	43	0	1446.4
340	86	86	35	22	43	0	1446.5
345	86	86	35	22	43	0	1446.6
350	86	86	35	22	43	0	1446.7
355	86	86	35	22	43	0	1446.8
360	86	86	35	22	43	0	1446.9
365	86	86	35	22	43	0	1447.0
370	86	86	35	22	43	0	1447.1
375	86	86	35	22	43	0	1447.2
380	86	86	35	22	43	0	1447.3
385	86	86	35	22	43	0	1447.4
390	86	86	35	22	43	0	1447.5
395	86	86	35	22	43	0	1447.6
400	86	86	35	22	43	0	1447.7
405	86	86	35	22	43	0	1447.8
410	86	86	35	22	43	0	1447.9
415	86	86	35	22	43	0	1448.0
420	86	86	35	22	43	0	1448.1
425	86	86	35	22	43	0	1448.2
430	86	86	35	22	43	0	1448.3
435	86	86	35	22	43	0	1448.4
440	86	86	35	22	43	0	1448.5
445	86	86	35	22	43	0	1448.6
450	86	86	35	22	43	0	1448.7
455	86	86	35	22	43	0	1448.8
460	86	86	35	22	43	0	1448.9
465	86	86	35	22	43	0	1449.0
470	86	86	35	22	43	0	1449.1
475	86	86	35	22	43	0	1449.2
480	86	86	35	22	43	0	1449.3
485	86	86	35	22	43	0	1449.4
490	86	86	35	22	43	0	1449.5
495	86	86	35	22	43	0	1449.6
500	86	86	35	22	43	0	1449.7
505	86	86	35	22	43	0	1449.8
510	86	86	35	22	43	0	1449.9
515	86	86	35	22	43	0	1450.0
520	86	86	35	22	43	0	1450.1
525	86	86	35	22	43	0	1450.2
530	86	86	35	22	43	0	1450.3
535	86	86	35	22	43	0	1450.4
540	86	86	35	22	43	0	1450.5
545	86	86	35	22	43	0	1450.6
550	86	86	35	22	43	0	1450.7
555	86	86	35	22	43	0	1450.8
560	86	86	35	22	43	0	1450.9
565	86	86	35	22	43	0	1451.0
570	86	86	35	22	43	0	1451.1
575	86	86	35	22	43	0	1451.2
580	86	86	35	22	43	0	1451.3
585	86	86	35	22	43	0	1451.4
590	86	86	35	22	43	0	1451.5
595	86	86	35	22	43	0	1451.6
600	86	86	35	22	43	0	1451.7
605	86	86	35	22	43	0	1451.8
610	86	86	35	22	43	0	1451.9
615	86	86	35	22	43	0	1452.0
620	86	86	35	22	43	0	1452.1
625	86	86	35	22	43	0	1452.2
630	86	86	35	22	43	0	1452.3
635	86	86	35	22	43	0	1452.4
640	86	86	35	22	43	0	1452.5
645	86	86	35	22	43	0	1452.6
650	86	86	35	22	43	0	1452.7
655	86	86	35	22	43	0	1452.8
660	86	86	35	22	43	0	1452.9
665	86	86	35	22	43	0	1453.0
670	86	86	35	22	43	0	1453.1
675	86	86	35	22	43	0	1453.2
680	86	86	35	22	43	0	1453.3
685	86	86	35	22	43	0	1453.4
690	86	86	35	22	43	0	1453.5
695	86	86	35	22	43	0	1453.6
700	86	86	35	22	43	0	1453.7
705	86	86	35	22	43	0	1453.8
710	86	86	35	22	43	0	1453.9
715	86	86	35	22	43	0	1454.0
720	86	86	35	22	43	0	1454.1
725	86	86	35	22	43	0	1454.2
730	86	86	35	22	43	0	1454.3
735	86	86	35	22	43	0	1454.4
740	86	86	35	22	43	0	1454.5
745	86	86	35	22	43	0	1454.6
750	86	86	35	22	43	0	1454.7
755	86	86	35	22	43	0	1454.8
760	86	86	35	22	43	0	1454.9
765	86	86	35	22	43	0	1455.0
770	86	86	35	22	43	0	1455.1
775	86	86	35	22	43	0	1455.2
780	86	86	35	22	43	0	1455.3
785	86	86	35	22	43	0	1455.4
790	86	86	35	22	43	0	1455.5
795	86	86	35	22	43	0	1455.6
800	86	86	35	22	43	0	1455.7
805	86	86	35	22	43	0	1455.8
810	86	86	35	22	43	0	1455.9
815	86	86	35	22	43	0	1456.0
820	86	86	35	22	43	0	1456.1
825	86	86	35	22	43	0	1456.2
830	86	86	35	22	43	0	1456.3
835	86	86	35	22	43	0	1456.4
840	86	86	35	22	43	0	1456.5
845	86	86	35	22	43	0	1456.6
850	86	86	35	22	43	0	1456.7
855	86	86	35	22	43	0	1456.8
860	86	86	35	22	43	0	1456.9
865	86	86	35	22	43	0	1457.0
870	86	86	35	22	43	0	1457.1
875	86	86	35	22	43	0	1457.2
880	86	86	35	22	43	0	1457.3
885	86	86	35	22	43	0	1457.4
890	86	86	35	22	43	0	1457.5
895	86	86	35	22	43	0	1457.6
900	86	86	35	22	43	0	1457.7
905	86	86	35	22	43	0	1457.8
910	86	86	35	22	43	0	1457.9
915	86	86	35	22	43	0	1458.0
920	86	86	35	22	43	0	1458.1
925	86	86	35	22	43	0	1458.2
930	86	86	35	22	43	0	1458.3
935	86	86	35	22	43	0	1458.4
940	86	86	35	22	43	0	1458.5
945	86	86	35	22	43	0	1458.6
950	86	86	35				



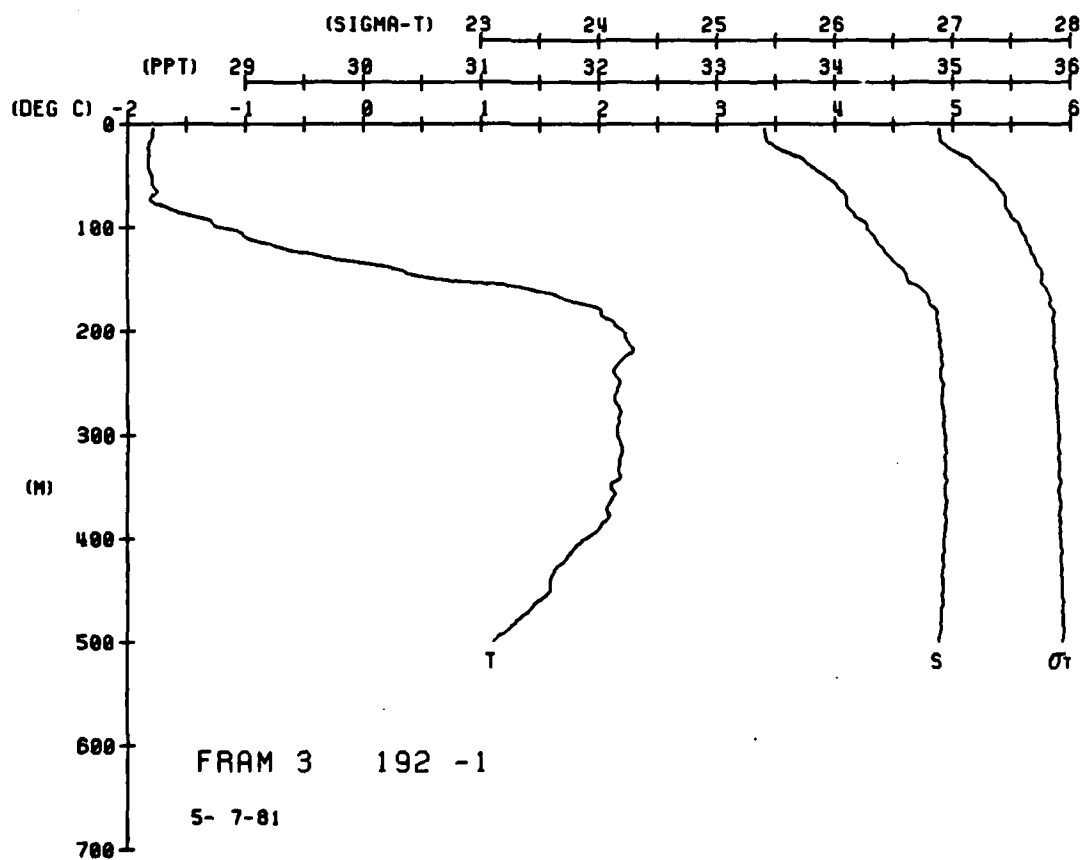
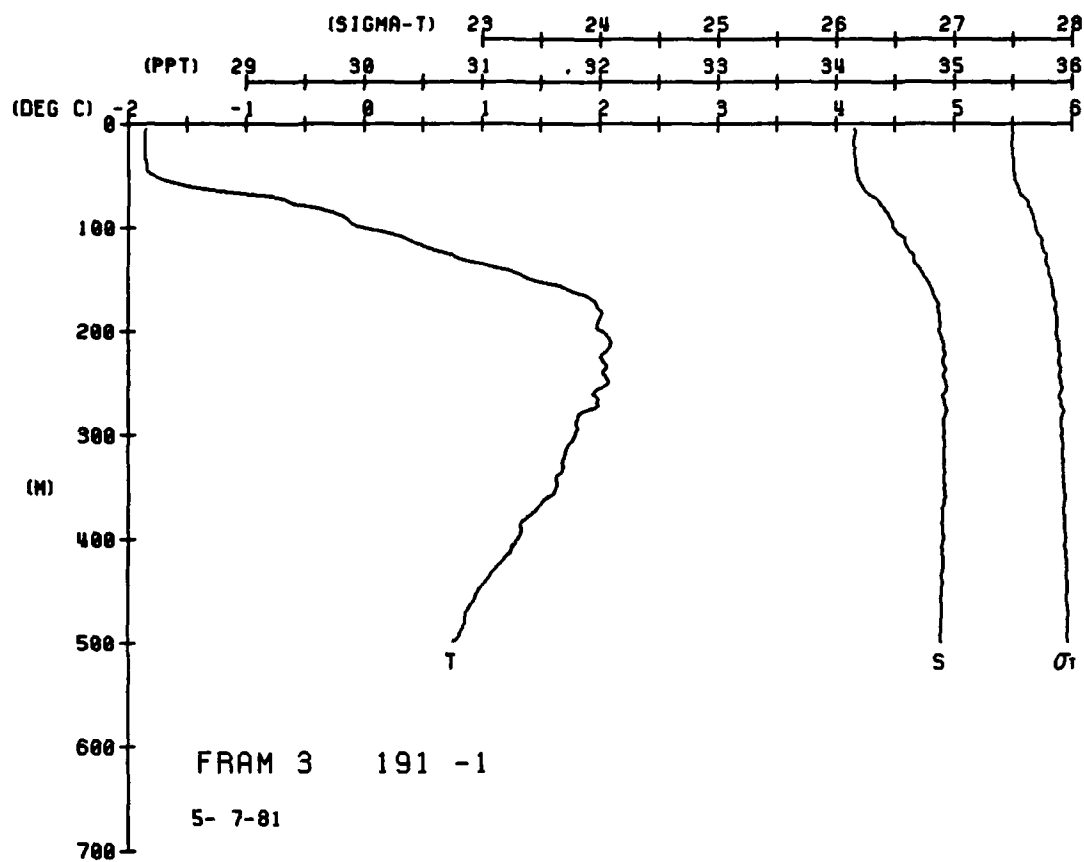
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FRAM 3 STATION 192(1) CTU 7/MAY/1981 1350 GMT CODE = 5
LAT = 82.0167N LNG = 0.0717E LTRF = 300. LGEM = 300.
RAIN TEMP = 0.0 BARUM = 0.0 WIND = 0.0 SPEED = 0.0

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[illegible]

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	7.8	-1.78	33.40	26.88	116.1	0.000	1436.8
5.0	-1.78	-1.78	33.41	26.88	116.5	0.006	1438.9
10.0	-1.78	-1.79	33.41	26.89	115.5	0.012	1439.0
15.0	-1.80	-1.80	33.42	26.90	114.5	0.018	1439.2
20.0	-1.82	-1.82	33.53	26.98	111.7	0.023	1439.5
25.0	-1.81	-1.81	33.64	27.08	109.7	0.034	1439.6
30.0	-1.82	-1.82	33.75	27.16	107.2	0.043	1439.8
35.0	-1.82	-1.82	33.86	27.20	105.2	0.047	1440.0
40.0	-1.81	-1.81	33.92	27.23	103.6	0.051	1440.3
45.0	-1.79	-1.79	33.99	27.26	102.5	0.055	1440.5
50.0	-1.78	-1.78	34.03	27.28	101.9	0.058	1440.6
55.0	-1.75	-1.75	34.07	27.29	101.4	0.062	1440.9
60.0	-1.79	-1.79	34.10	27.24	100.6	0.066	1440.9
65.0	-1.80	-1.80	34.11	27.16	99.7	0.071	1441.2
70.0	-1.80	-1.80	34.11	27.14	98.9	0.074	1441.6
75.0	-1.57	-1.57	34.19	27.51	97.9	0.077	1443.3
80.0	-1.40	-1.40	34.26	27.77	96.5	0.080	1443.9
85.0	-1.28	-1.28	34.29	27.84	95.3	0.082	1443.9
90.0	-1.19	-1.19	34.32	27.87	94.4	0.081	1445.7
95.0	-1.09	-1.09	34.42	27.67	93.4	0.089	1447.3
100.0	-0.98	-0.98	34.49	27.71	92.4	0.095	1449.6
110.0	-0.84	-0.84	34.59	27.76	91.4	0.099	1452.2
120.0	-0.64	-0.64	34.65	27.77	90.2	0.102	1454.8
130.0	-0.45	-0.45	34.73	27.77	88.8	0.105	1457.6
140.0	-0.25	-0.25	34.81	27.84	87.3	0.108	1459.3
150.0	1.73	1.72	34.87	27.87	85.9	0.110	1461.1
160.0	2.22	2.21	34.87	27.86	84.3	0.113	1461.7
170.0	2.22	2.20	34.88	27.87	82.9	0.115	1462.3
180.0	2.22	2.24	34.90	27.87	81.5	0.118	1462.7
190.0	2.22	2.24	34.91	27.89	80.2	0.122	1463.1
200.0	2.22	2.22	34.91	27.89	78.9	0.124	1462.7
210.0	2.22	2.17	34.92	27.89	77.5	0.127	1463.1
220.0	2.22	2.14	34.92	27.90	76.3	0.129	1463.3
230.0	2.22	2.14	34.92	27.91	75.1	0.133	1463.6
240.0	2.22	2.17	34.93	27.91	74.0	0.135	1463.8
250.0	2.22	2.15	34.94	27.91	72.9	0.137	1463.8
260.0	2.22	2.14	34.94	27.91	71.9	0.141	1464.3
270.0	2.22	2.17	34.94	27.91	70.9	0.144	1464.3
280.0	2.22	2.19	34.94	27.91	69.9	0.146	1464.7
290.0	2.22	2.20	34.94	27.91	68.9	0.148	1464.7
300.0	2.22	2.05	34.95	27.92	67.9	0.152	1464.9
310.0	2.22	2.06	34.95	27.93	66.9	0.155	1464.9
320.0	2.22	2.08	34.94	27.93	65.9	0.157	1464.9
330.0	2.22	1.97	34.94	27.93	64.9	0.159	1464.9
340.0	2.22	1.76	34.94	27.94	63.9	0.163	1463.7
350.0	2.22	1.65	34.94	27.94	62.9	0.165	1463.5
360.0	2.22	1.57	34.94	27.94	61.9	0.168	1463.5
370.0	2.22	1.47	34.94	27.94	60.9	0.170	1463.5
380.0	2.22	1.38	34.94	27.94	59.9	0.171	1463.5
390.0	2.22	1.29					



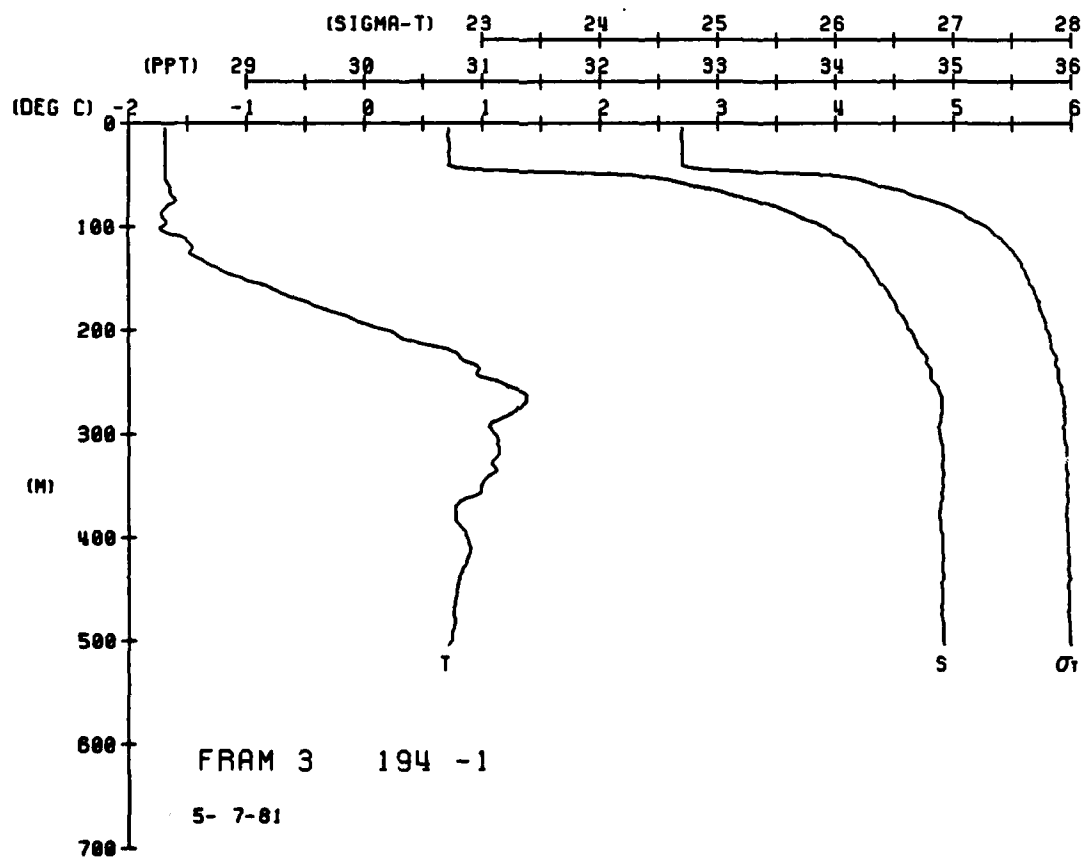
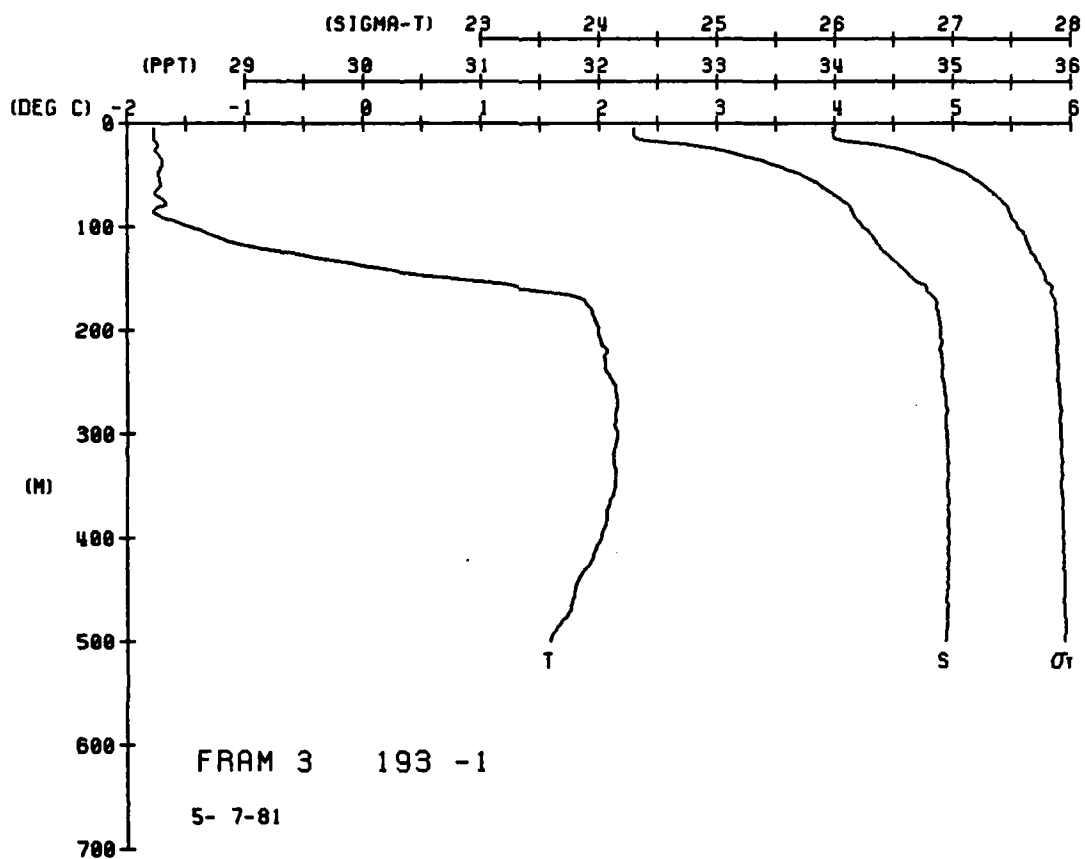
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FRAM 3 STATION 194(1) CTD 7/MAY/1981 1555 GM1 CUDE = 5
LAT = 81.9717N LNC = 5.9617E LTRK = 300 LGEM = 300
AIR LMP = 0.0 BAKUM = 0.0 WIND = 0.0 SPEED = 0.0

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[illegible]

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVUL	DPHPT	SUNUM
0	1.68	-1.68	30.72	24.70	323.3	0.000	1435.5
4	1.69	-1.69	30.72	24.70	323.3	0.016	1435.5
8	1.69	-1.69	30.72	24.69	323.3	0.033	1435.5
12	1.69	-1.69	30.72	24.69	323.3	0.049	1435.5
16	1.69	-1.69	30.72	24.70	322.9	0.082	1435.5
20	1.69	-1.69	30.72	24.70	322.9	0.098	1435.5
24	1.68	-1.69	30.72	24.70	323.0	0.114	1435.5
28	1.68	-1.69	30.72	24.70	323.0	0.131	1435.5
32	1.68	-1.69	31.07	24.93	320.7	0.146	1435.5
36	1.68	-1.69	32.17	25.88	319.5	0.159	1435.5
40	1.68	-1.68	32.59	26.22	319.5	0.199	1435.5
44	1.65	-1.65	32.76	26.36	149.1	0.178	1435.5
48	1.63	-1.63	32.98	26.54	149.1	0.193	1435.5
52	1.63	-1.63	33.13	26.66	126.5	0.200	1440.0
56	1.67	-1.67	33.32	26.81	126.5	0.205	1440.0
60	1.67	-1.72	33.49	27.04	100.0	0.216	1440.0
64	1.70	-1.70	33.60	27.12	92.5	0.221	1440.0
68	1.70	-1.72	33.70	27.21	89.8	0.224	1440.0
72	1.72	-1.72	33.81	27.31	75.5	0.224	1440.0
76	1.53	-1.46	34.04	27.40	69.5	0.224	1440.0
80	1.46	-1.41	34.15	27.55	55.4	0.224	1440.0
84	1.24	-1.25	34.24	27.60	41.7	0.223	1440.0
88	1.03	-1.04	34.36	27.64	30.1	0.223	1440.0
92	0.77	-0.78	34.49	27.79	30.1	0.223	1440.0
96	0.55	-0.55	34.53	27.79	30.2	0.204	1451.0
100	0.31	-0.32	34.59	27.74	30.2	0.204	1451.0
104	0.07	-0.08	34.64	27.83	29.9	0.223	1451.0
108	0.20	0.19	34.69	27.83	29.9	0.223	1451.0
112	0.75	0.74	34.77	27.87	22.6	0.216	1451.0
116	0.86	0.85	34.77	27.87	22.6	0.216	1451.0
120	0.96	0.95	34.81	27.90	20.8	0.216	1451.0
124	1.13	1.14	34.84	27.93	19.8	0.216	1451.0
128	1.36	1.35	34.89	27.93	17.6	0.216	1451.0
132	1.26	1.25	34.90	27.94	16.6	0.216	1451.0
136	1.07	1.05	34.89	27.95	15.6	0.216	1451.0
140	1.01	1.00	34.89	27.95	15.6	0.216	1451.0
144	1.14	1.12	34.91	27.96	14.4	0.216	1451.0
148	1.14	1.08	34.91	27.97	14.1	0.216	1451.0
152	1.09	1.08	34.92	27.97	13.9	0.216	1451.0
156	1.07	1.05	34.92	27.98	13.9	0.216	1451.0
160	1.00	0.92	34.91	27.98	13.2	0.216	1451.0
164	0.94	0.92	34.89	27.97	13.2	0.216	1451.0
168	0.77	0.76	34.89	27.97	13.2	0.216	1451.0
172	0.83	0.81	34.90	27.97	12.7	0.216	1451.0
176	0.88	0.88	34.91	27.98	12.7	0.216	1451.0
180	0.90	0.88	34.91	27.98	12.6	0.216	1451.0
184	0.88	0.86	34.92	27.98	12.6	0.216	1451.0
188	0.84	0.82	34.92	27.98	11.4	0.216	1451.0
192	0.81	0.79	34.91	27.98	11.4	0.216	1451.0
196	0.77	0.75	34.91	27.98	11.2	0.	



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The output consists of standard level listings of temperature, potential temperature, salinity, sigma-t, specific volume anomaly, dynamic height, and sound velocity, along with corresponding profiles of temperature, salinity and sigma-t.

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